

# EIGHTEENTH ANNUAL REPORT

OF THE

BOARD OF DIRECTORS

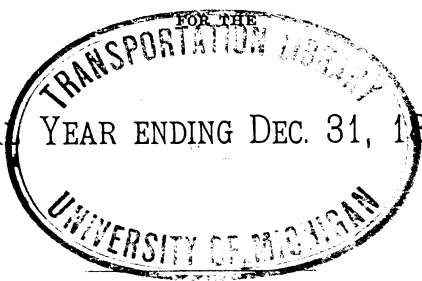
OF THE

## Lake Shore & Michigan Southern Railway Company

TO THE

STOCKHOLDERS

FISCAL YEAR ENDING DEC. 31, 1887.



CLEVELAND, O.  
SHORT & FORMAN, PRINTERS AND STATIONERS.  
1888.



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# ORGANIZATION OF THE Lake Shore & Michigan Southern RAILWAY COMPANY.

MAY 1, 1888.

*ANNUAL MEETING FIRST WEDNESDAY IN MAY, AT CLEVELAND, O.*

## DIRECTORS. (13.)

WILLIAM K. VANDERBILT.....	NEW YORK.
CORNELIUS VANDERBILT.....	NEW YORK.
FREDERICK W. VANDERBILT.....	NEW YORK.
SAMUEL F. BARGER.....	NEW YORK.
JOHN E. BURRILL.....	NEW YORK.
DARIUS O. MILLS.....	NEW YORK.
EDWIN D. WORCESTER.....	NEW YORK.
WILLIAM L. SCOTT.....	ERIE, PA.
CHARLES M. REED.....	ERIE, PA.
RASSELAS BROWN.....	WARREN, PA.
JOHN NEWELL.....	CLEVELAND, O.
JEPHTHA H. WADE.....	CLEVELAND, O.
JOHN DEKOVEN.....	CHICAGO, ILL.

## OFFICERS.

		OFFICE.
CHAIRMAN OF THE BOARD.....	WILLIAM K. VANDERBILT.....	NEW YORK.
PRES'T AND GEN'L MANAGER.....	JOHN NEWELL.....	CLEVELAND.
VICE PRES'T, TREAS AND SEC'Y.....	EDWIN D. WORCESTER.....	NEW YORK.
ASSISTANT TREASURER.....	DWIGHT W. PARDEE.....	NEW YORK.
LOCAL TREAS AND ASS'T SEC'Y.....	NICHOLAS BARTLETT.....	CLEVELAND.
ASS'T GEN'L MANAGER.....	EDWARD GALLUP.....	CLEVELAND.
ASSISTANT TO PRESIDENT.....	ADDISON HILLS.....	CLEVELAND.
AUDITOR.....	CYRUS P. LELAND.....	CLEVELAND.
GENERAL COUNSEL.....	GEORGE C. GREENE.....	CLEVELAND.
ASS'T GEN'L COUNSEL.....	O. G. GETZEN-DANNER.....	CLEVELAND.
GENERAL SUPERINTENDENT.....	PHINEAS P. WRIGHT.....	CLEVELAND.
GENERAL FREIGHT AGENT.....	JOHN T. R. MCKAY.....	CLEVELAND.
ASS'T GEN'L FREIGHT AGENT.....	J. G. JAMES.....	CLEVELAND.
ASS'T GEN'L FREIGHT AGENT.....	M. S. CHASE.....	CHICAGO.
GEN'L PASSENGER AGENT.....	A. J. SMITH.....	CLEVELAND.
GEN'L TICKET AGENT.....		
ASS'T GEN'L PASSENGER AND TICKET AGENT,.....	E. C. LUCE.....	CLEVELAND.
CHIEF ENGINEER.....	JOSEPH O. OSGOOD.....	CLEVELAND.
SUP'T MOTIVE POWER.....	G. W. STEVENS.....	CLEVELAND.
MASTER CAR BUILDER.....	JOHN KIRBY.....	CLEVELAND.
PURCHASING AGENT.....	L. C. HIGGINS.....	CLEVELAND.

GENERAL OFFICES.....CLEVELAND, O.  
NEW YORK OFFICE, Room 47 Grand Central Depot.....NEW YORK.

NEW YORK OFFICE, {  
Transfers Stock.  
Pays Dividends.  
Pays coupon interest on bonds.

UNION TRUST CO. {  
of NEW YORK. Registrar of Stock.  
Transfers registered bonds.  
Pays interest on registered bonds.



# REPORT.

The Board of Directors of the LAKE SHORE AND MICHIGAN SOUTHERN RAILWAY COMPANY submit to the Stockholders the following report for the year ending December 31, 1887.

## ROAD OPERATED.

Main Line—Buffalo, N. Y., to Chicago, Ill.....	540.49 miles.
Five L. S. & M. S. R'y Branches.....	318.66 “
Total Miles Lake Shore & Michigan Southern R'y.....	859.15 miles.
Four proprietary roads, owned wholly by Lake Shore & Michigan Southern R'y Co., but under other organizations.....	167.81 miles.
Five leased roads.....	314.42 “
Total miles road operated.....	1,341.38 miles.

With 266.24 miles second track and 582.68 miles side-tracks, making, in all, 2,190.30 miles of track, of which 1,734 miles—79 per cent.—are laid with steel, an increase of 55 miles in 1887.

Complete details of road operated, where located, &c., may be found in a Chief Engineer's table on subsequent pages.

## CONSTRUCTION AND EQUIPMENT.

These accounts still stand at \$84,000,000, as shown in the balance sheet. Nothing has been charged to these accounts since 1883. All betterments in 1884, 1885, 1886 and 1887 were charged to operating expenses or income account.

## CAPITAL STOCK.

The Capital Stock of the Company is \$50,000,000, to-wit.

Guaranteed (10 per cent.).....	5,335 Shares—\$100.....	\$ 533,500
Ordinary.....	494,665 Shares— 100.....	49,466,500
	500,000 Shares—\$100.....	\$50,000,000

Of the ordinary stock, the Company owns \$268,100, as stated in the balance sheet.

## FUNDED DEBT.

The funded debt was decreased in 1887, \$250,000—the regular contribution to the sinking fund of the first consolidated mortgage—one per cent. of \$25,000,000.

The total funded debt is now \$45,442,000, the details of which may be found on a subsequent page.

The funded debt of the Kalamazoo & White Pigeon R. R., a proprietary road, was also reduced \$200,000 by the payment at maturity, July 1, 1887, of that amount of *eight* per cent. bonds.

## EARNINGS.

	1887.	1886.
From Freight.....	\$12,547,923.25	\$10,329,625.32
From Passengers.....	4,650,653.59	4,020,549.86
From Mails.....	775,548.81	767,924.80
From Express.....	413,265.20	400,717.72
From all other sources.....	323,572.30	340,637.77
TOTAL.....	\$18,710,963.15	\$15,859,455.47
Operating expenses and taxes.....	11,029,798.17	9,731,622.00
Per cent.....	58.95	61.36
NET EARNINGS.....	\$ 7,681,164.98	\$6,127,833.47
Increase in gross earnings.....	\$ 2,851,507.68	17.98 per cent.
Increase in operating expenses.....	1,298,176.17	13.34 per cent.
Increase in net earnings.....	1,553,331.51	25.35 per cent.

## DISPOSITION OF NET EARNINGS—1887.

Net earnings, 1887.....	\$ 7,681,164.98
Deduct:	
Interest on funded debt.....	\$3,276,140.00
Rentals—six branch roads.....	449,313.45
Dividends—10 per cent. on guaranteed stock.....	53,350.00
	\$3,778,803.45
Less interest and dividends on assets.....	129,158.22
Surplus earnings—equals \$8.15 per share of stock.....	\$4,031,519.75
Paid two dividends—2 per cent. each—4 per cent.....	1,978,660.00
	\$2,052,859.75
Add sundry items—profit and loss.....	841.30
	\$2,053,701.05
Decrease in aggregate liabilities.....	\$ 377,678.76
Increase in aggregate assets.....	1,676,022.29
(See balance sheet.)	\$2,053,701.05

The financial results, also the freight and passenger statistics, condensed for eighteen years, are grouped together on the next page.



# EARNINGS, EXPENSES, &c. 1870-1887—EIGHTEEN YEARS.

A

Year.	Miles.	Gross Earnings.	OPERATING EXPENSES.		Net Earnings.	Fixed Charges.	DIVIDENDS per share of \$100	
			Amount.	Per cent.			Earned.	Paid.
1870.....	1013	\$13,509,236	\$ 8,368,821	61.95	\$5,140,415	\$1,828,897	\$ 9 60	\$ 8 00
1871.....	1074	14,898,449	9,779,806	65.64	5,118,643	2,121,164	8 37	8 00
1872.....	1136	17,699,935	11,839,526	66.90	5,860,409	2,201,459	8 55	8 00
1873.....	1177	19,414,509	13,746,598	70.90	5,667,911	2,654,560	6 10	4 00
1874.....	1177	17,146,131	11,152,371	65.04	5,993,760	3,008,193	6 04	3 25
1875.....	1177	14,434,199	10,531,501	72.96	3,902,698	2,810,294	2 20	2 00
1876.....	1177	13,949,177	9,574,836	68.64	4,374,341	2,759,989	3 26	3 25
1877.....	1177	13,505,155	8,963,966	66.37	4,541,193	2,775,657	3 57	2 00
1878.....	1177	13,979,766	8,486,601	60.70	5,493,165	2,718,792	5 61	4 00
1879.....	1177	15,271,492	8,984,524	58.50	6,386,968	2,754,988	7 24	6 50
1880.....	1177	18,749,461	10,418,105	55.56	8,331,356	2,750,374	11 28	8 00
1881.....	1177	17,971,391	11,278,429	62.76	6,692,962	2,725,375	8 02	8 00
1882.....	1274	18,225,639	11,057,807	60.67	7,167,832	3,027,000	8 37	8 00
1883.....	1340	18,513,656	11,001,854	59.43	7,511,802	3,498,806	8 11	8 00
1884.....	1340	14,843,584	9,133,522	61.53	5,710,062	3,720,670	4 02	5 00
1885.....	1340	14,133,506	9,287,537	65.71	4,845,969	3,867,456	1 98	-----
1886.....	1340	15,859,455	9,731,622	61.36	6,127,833	3,712,973	4 88	2 00
1887.....	1340	18,710,963	11,029,798	58.95	7,681,165	3,649,645	8 15	4 00

## FREIGHT.

B

Year.	Tons.	Average Miles Hauled.	Tons One Mile.	Revenue.	Receipt per ton per mile.	Cost per ton per mile.	Profit per ton per mile.
1870.....	2,978,725	192.7	574,035,571	\$ 8,746,126	Cent. 1.504	Cent. .932	Cent. .572
1871.....	3,784,525	193.9	733,670,696	10,341,218	1.391	.913	.478
1872.....	4,443,092	208.2	924,844,140	12,824,862	1.374	.920	.454
1873.....	5,176,661	203.6	1,053,927,189	14,192,399	1.335	.946	.389
1874.....	5,221,267	191.4	999,342,081	11,918,350	1.180	.767	.413
1875.....	5,022,490	187.8	943,236,161	9,639,038	1.010	.737	.273
1876.....	5,635,167	201.2	1,133,834,828	9,405,629	.817	.561	.256
1877.....	5,513,393	195.9	1,080,005,561	9,476,908	.864	.573	.291
1878.....	6,098,445	219.8	1,340,467,821	10,048,952	.734	.474	.260
1879.....	7,541,294	229.9	1,733,423,440	11,288,261	.642	.398	.244
1880.....	8,350,336	221.7	1,851,166,018	14,077,294	.750	.435	.315
1881.....	9,164,508	220.6	2,021,775,468	12,659,987	.617	.414	.203
1882.....	9,195,538	205.8	1,892,868,224	12,022,577	.628	.413	.215
1883.....	8,478,605	199.3	1,689,512,415	12,480,094	.728	.452	.276
1884.....	7,365,688	191.5	1,410,545,674	9,358,816	.652	.426	.226
1885.....	8,023,093	199.7	1,602,567,035	9,031,417	.553	.399	.154
1886.....	8,305,597	191.7	1,592,044,766	10,329,625	.639	.410	.229
1887.....	9,326,852	197.7	1,843,785,896	12,547,923	.670	.418	.252

## PASSENGERS.

C

Year.	Number Passengers. Carried.	Average Distance.	Passengers One Mile.	Revenue.	Receipt per Passenger per mile.	Cost per Passenger per mile.	Profit per Passenger per mile.
1870.....	2,065,440	77	160,500,114	\$4,192,960	Cent. 2.612	Cent. 1.708	Cent. .904
1871.....	2,046,428	70	142,684,243	4,006,724	2.808	1.939	.869
1872.....	2,212,754	74	162,308,495	4,218,543	2.599	1.814	.785
1873.....	2,845,163	63	179,363,173	4,569,730	2.542	1.878	.664
1874.....	3,096,263	56	173,224,572	4,249,022	2.452	1.678	.774
1875.....	3,170,234	52	164,950,861	3,922,798	2.378	1.824	.554
1876.....	3,119,923	56	175,510,501	3,664,148	2.090	1.515	.575
1877.....	2,742,295	50	138,116,618	3,203,200	2.319	1.647	.672
1878.....	2,746,032	49	133,702,021	3,057,393	2.287	1.276	1.012
1879.....	2,822,121	50	141,162,317	3,138,003	2.223	1.174	1.049
1880.....	3,313,485	53	176,148,767	3,761,008	2.135	1.086	1.049
1881.....	3,682,006	56½	207,953,215	4,134,788	1.988	1.120	.868
1882.....	4,118,832	55	227,098,958	4,897,185	2.157	1.166	.991
1883.....	3,909,356	55	215,715,155	4,736,088	2.196	1.278	.918
1884.....	3,629,196	52½	190,503,852	4,133,729	2.170	1.254	.916
1885.....	3,479,274	51	176,830,308	3,639,375	2.058	1.250	.808
1886.....	3,715,508	51½	191,593,135	4,020,550	2.098	1.301	.797
1887.....	3,752,840	55	205,761,459	4,650,654	2.260	1.255	1.005

An analysis of the increase in earnings shows an improvement in all sources from whence they are derived, to-wit:

Increase in earnings from freight.....	\$2,218,298	21.48 per cent.
Increase in earnings from passengers.....	630,103	15.67 per cent.
Increase in all other earnings.....	3,106	.20 per cent.
Total increase.....	\$2,851,507	17.98 per cent.

The increase in freight earnings was the result of a considerable increase—12 per cent.—in tonnage and a slight increase—thirty-one one-hundredths of one mill—in the average rate per ton per mile, cent 0.670 in 1887 as against cent 0.639 in 1886.

Passenger earnings were increased for the same reasons.

## OPERATING EXPENSES.

Operating expenses include the cost of twenty-four new locomotives replacing twenty-five worn out, twelve new passenger cars, less three worn out, and eight hundred and seventy-six new freight cars, less four hundred and eighty-one worn out.

Also new structures costing about \$150,000, and about one-half the cost of reducing the grades on the Air Line Division to a maximum of sixteen feet to the mile.

The per cent. of operating expenses, including all taxes and improvements was 58.95 in 1887 as against 61.36 in 1886.

## CONCLUSION.

Under the then contemplated re-organization of the New York, Chicago & St. Louis Railway Co., this company took its proportion of the new first preferred stock, amounting to \$2,503,000, referred to in the last annual report. The entire issue is \$5,000,000.

The company is promoting the construction of lines from Doughton, O., (on the Mahoning Coal Railroad) into the Shenango Valley iron district. During the year there was advanced on this account \$202,884.14. This road was opened to Sharon, Pa.—seven miles—December 10th, 1887.

*W. K. VANDERBILT,*

CHAIRMAN.

*JOHN NEWELL,*

PRESIDENT.

CLEVELAND, MAY 2d, 1888.

## LAKE SHORE &amp; MICHIGAN SOUTHERN RAILWAY COMPANY.

EARNINGS.		Per Cent.	1887.	1886.	Per Cent.
From Freight.....	67.07		\$12,547,923.25	\$10,329,625.32	65.13
“ Passengers .....	24.86		4,650,653.59	4,020,549.86	25.37
“ Express .....	2.20		413,265.20	400,717.72	2.52
“ Mails .....	4.14		775,548.81	767,924.80	4.84
“ Rents .....	1.12		209,877.89	176,099.37	1.11
“ All other sources.....	.61		113,694.41	164,538.40	1.03
TOTAL EARNINGS.....	100.		\$18,710,963.15	\$15,859,455.47	100.
EXPENSES.		Per Cent. of Earnings.	1887	1886	Per Cent. of Earnings.
Salaries, general officers and clerks.....	1.83		\$ 341,710 50	\$323,422.95	2.04
Law expenses.....	.25		47,756.25	67,960.29	.43
Stationery and printing.....	.49		92,606 96	59,863.44	.38
Outside agencies and advertising.....	1.10		204,664.73	184,977.84	1.17
Contingencies.....	.28		52,066.81	64,687.42	.43
Repairs bridges, (inc. culverts and cattle guards).....	.88		164,304.72	130,054.37	.82
Repairs buildings and fixtures.....	1.57		292,998.23	366,240.46	2.31
Repairs fences, road crossings and signs.....	.44		83,824.31	102,366.97	.65
Rail renewals.....	1.09		204,293.61	216,794.90	1.37
Tie renewals.....	1.51		283,202.28	310,506 77	1.96
Repairs roadway and track.....	5.61		1,050,461.46	918,079.93	5.79
Repairs locomotives.....	4.27		798,625.57	547,189.69	3.45
Fuel for locomotives.....	3.99		736,274.84	623,671 83	3.93
Water supply.....	.28		51,921.08	51,928.80	.33
Oil and waste.....	.41		77,556.49	63,179.80	.40
Locomotive service.....	5.49		1,026,943.13	907,671.74	5.73
Repairs passenger cars.....	1.04		195,358.41	163,548 32	1.04
Passenger train service.....	1.40		261,830 56	219,299.70	1.38
Passenger train supplies.....	.12		23,075.86	17,676 55	.11
Repairs freight cars.....	5.35		1,001,028.73	629,553.05	3.97
Freight train service.....	2.67		509,820.27	445,838.77	2.81
Freight train supplies.....	.08		15,185.87	1,870 62	.01
Telegraph expenses (maintaining and operating).....	1.57		293,140.62	297,666.89	1.87
Damage and loss to freight and baggage.....	.19		34,919.49	29,427.82	.18
Damage to property, including cattle.....	.16		29,813.00	22,532.80	.14
Personal injuries.....	.20		38,186.39	96,824.11	.61
Agents and station service.....	10.59		1,981,318.48	1,869,904.19	11.79
Station supplies.....	.34		62,859.22	57,281.57	.36
Rents payable.....	.52		97,288.67	86,192.14	.54
Hire of cars.....	2.68		500,505.25	365,461.50	2.30
TOTAL OPERATING EXPENSES.....	56.40		\$10,553,541.29	\$9,245,675.23	58.30
Taxes.....	2.55		476,256.88	485,946.77	3.06
TOTAL OPERATING EXPENSES AND TAXES.....	58.95		\$11,029,798.17	\$9,731,622.00	61.36
NET EARNINGS.....	41.05		7,681,164.98	6,127,833.47	38.64
	100.				100.

## INCOME ACCOUNT—1887.

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Balance December 31st, 1886.....			\$8,033,770.98
Surplus earnings, 1887, after payment 4 per cent. dividends.....			2,052,859.75
Miscellaneous items .....	Credits,	\$5,303.04	
	Debits,	<u>4,461.74</u>	841.30
Balance December 31st, 1887.....			<u>\$10,087,472.03</u>

## CONDENSED BALANCE SHEET—DECEMBER 31, 1887.

## ASSETS.

Lake Shore & Michigan Southern Railway and Branches.....	864.87 miles.....	\$66,700,000 00
Equipment, 525 Locomotives, 17,928 Cars.....		17,300,000 00
		\$84,000,000 00
Detroit, Monroe & Toledo Railroad.....	62.36 miles.....	1,381,600 00
White Pigeon & Kalamazoo Railroad.....	36.57 ".....	610,000 00
Northern Central Michigan Railroad.....	61.14 ".....	1,357,000 00
Jamestown & Franklin Railroad, 51 miles—		
Advances to December 31, 1887.....		\$1,222,422 84
First Mortgage Bonds (\$248,000).....		215,300 00
Second Mortgage Bonds (\$482,000).....		449,100 00
Stock (\$400,000).....		320,000 00
		2,206,822 84
Sharon Branch, advances on account of construction.....		202,884 14
Chicago & Canada Southern Railway—		
First Mortgage Bonds.....	\$1,885,500 00 }	729,970 00
Stock.....	1,384,700 00 }	

## STOCKS.

Lake Shore & Michigan Southern Railway (2,681 shares).....		268,100 00
Detroit, Monroe & Toledo Railroad (4,140 shares, entire issue except one share).....		414,110 00
Cincinnati, Wabash & Michigan Railway (4,700 shares).....		437,000 00
Pittsburgh & Lake Erie Railroad (stock 18,510 shares and \$92,550 scrip).....		2,141,111 18
Capital advanced to Co-operative Despatch Lines.....		21,845 94
Merchants' Despatch Transportation Company.....		575,700 00
New York, Chicago & St. Louis Railroad.....	\$2,503,000 First Preferred } \$6,275,000 Second " } \$6,240,000 Common }	8,447,746 94
Cleveland, Lorain & Wheeling Railroad.....	\$774,400 Preferred } \$169,100 Common }	
		752,800 00
Mahoning Coal R. R.....	2,753 shares, Preferred } 15,092 " Common }	250,735 00
Pittsburgh & Wheeling Coal Co.....		22,681 75
Union Steel Co.....		3,189 34
Pacific Hotel Company, Chicago—Bonds and Stock.....		384,961 80
Cash.....		2,604,482 14
Uncollected earnings (collected since January 1st).....		734,368 82
General Office property and other real estate.....		352,636 19
Supplies—rails, fuel, etc.....		604,594 70
Valley Railway, Cleveland—advances (interest 6 per cent.).....		276,605 63
Total Assets.....		<u>\$108,780,946 41</u>

## LAKE SHORE &amp; MICHIGAN SOUTHERN RAILWAY COMPANY.

## LIABILITIES.

Capital stock (\$533,503 ten per cent. guaranteed).....	\$50,000,000 00
Funded debt (detailed table on pages 16 and 17)—	
Lake Shore & Michigan Southern Railway.....	45,442,000 00
Detroit, Monroe & Toledo Railroad.....	924,000 00
Kalamazoo & White Pigeon Railroad.....	400,000 00
December expenses (paid in January).....	911,469 38
Dividends—	
Guaranteed stock, 5 per cent., February 1, 1888.....	26,675 00
No. 38, 2 per cent., February 15, 1888.....	989,330 00
Total Liabilities.....	\$98,693,474 38
Income account, December 31, 1887.....	\$10,087,472 03

## COMPARISON.

Total assets December 31, 1887.....	\$108,780,946 41
Total assets December 31, 1886.....	107,104,924 12
Increase.....	1,676,022 29
Total liabilities December 31, 1886.....	99,071,153 14
Total liabilities December 31, 1887.....	98,693,474 38
Decrease.....	377,678 76
Assets increased.....	1,676,022 29
Liabilities decreased.....	377,678 76
	2,053,701 05

## INCOME ACCOUNT.

December 31, 1887.....	10,087,472 03
December 31, 1886.....	8,033,770 98
	2,053,701 05

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**\$108,780,946 41**


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## LAKE SHORE &amp; MICHIGAN SOUTHERN RAILWAY CO.

## EARNINGS AND EXPENSES IN DETAIL, 1887.

EARNINGS.	January.	February.	March.	April.	May.
From Freight.....	958,630 77	915,317 33	1,119,486 93	1,010,165 98	945,140 05
“ Passengers.....	262,003 31	265,051 42	324,361 45	352,264 51	387,155 86
“ Express.....	24,969 58	25,481 50	33,400 81	34,182,24	32,540 20
“ Mails.....	65,000 00	63,080 89	63,080 89	63,080 89	63,080 89
“ Rents.....	13,692 01	15,501 34	14,429 74	14,976 97	15,895 96
“ All other sources.....	15,389 55	6,785 31	14,813 22	5,952 03	7,716 64
Total Earnings.....	1,339,685 22	1,291,217 79	1,569,573 04	1,480,622 62	1,451,529 60
EXPENSES.					
Salaries, general officers and clerks.....	27,726 66	27,747 55	28,335 35	28,493 75	28,358 72
Law expenses.....	5,952 44	2,842 72	7,337 28	1,956 27	372 50
Stationery and printing.....	6,629 14	4,553 41	6,508 67	12,458 36	7,619 37
Outside agencies and advertising.....	14,904 35	14,440 88	18,237 29	21,737 95	14,535 55
Contingencies.....	4,694 97	3,489 68	2,569 34	3,189 91	4,926 05
Repairs bridges, culverts and cattle guards.....	3,471 11	4,380 10	5,044 21	4,138 84	8,021 98
Repairs buildings and fixtures.....	10,183 57	8,720 55	10,159 91	9,462 05	15,043 82
Repairs fences, road crossings and signs.....	5,231 77	7,045 95	3,717 47	4,031 91	6,617 21
Rail renewals.....					
Tie renewals.....	39,464 44	44,270 27	40,377 12	17,405 33	61,068 30
Repairs roadway and track.....	54,010 45	47,858 25	62,363 96	81,517 73	108,627 57
Repairs locomotives.....	50,912 35	51,134 90	62,835 78	51,441 57	73,933 48
Fuel for locomotives.....	87,705 30	73,633 13	58,568 18	53,501 84	31,282 74
Water supply.....	2,519 63	3,722 11	7,013 26	3,349 50	3,298 09
Oil and waste.....	7,295 24	5,390 06	3,769 35	3,302 53	4,978 89
Locomotive service.....	91,561 14	78,824 03	84,252 12	78,367 73	76,936 16
Repairs passenger cars.....	13,421 57	11,823 20	14,495 02	13,278 96	7,251 06
Passenger train service.....	18,312 15	19,007 10	19,156 76	19,115 95	18,237 87
Passenger train supplies.....	2,423 92	1,375 36	1,620 66	1,853 58	280 76
Repairs freight cars.....	84,477 22	81,786 98	90,997 08	88,416 23	75,089 81
Freight train service.....	50,196 24	40,642 76	40,300 43	36,897 41	33,987 30
Freight train supplies.....	321 11	146 90	123 69	224 23	193 38
Telegraph expenses (maintaining and operating).....	25,729 45	24,311 29	24,313 77	23,582 61	24,169 44
Damage and loss to freight and baggage.....	2,799 65	2,506 70	1,113 06	651 10	1,079 85
Damage to property, including cattle.....	1,490 38	771 02	1,392 70	4 30	597 29
Personal injuries.....	3,120 93	823 04	112 35	2,420 34	2,227 50
Agents and station service.....	163,474 05	152,410 07	165,037 19	171,441 93	153,908 89
Station supplies.....	8,442 76	5,471 22	4,810 22	3,652 58	2,016 34
Rents payable.....	14,000 93	4,034 11	6,984 17	16,765 70	3,729 75
Hire of cars.....	40,058 98	35,825 34	37,220 20	36,744 69	41,578 07
Total Operating Expenses.....	840,531 90	758,988 68	808,766 59	789,404 88	809,967 74
Taxes.....	40,000 00	40,000 00	40,000 00	40,000 00	40,000 00
Total Operating Expenses and Taxes.....	880,531 90	798,988 68	848,766 59	829,404 88	849,967 74
Net Earnings.....	459,153 32	492,229 11	720,806 45	651,217 74	601,561 86
FIXED CHARGES.....	305,000 00	305,000 00	305,000 00	305,000 00	305,000 00
SURPLUS.....	154,153 32	187,229 11	415,806 45	346,217 74	296,561 86



## LAKE SHORE &amp; MICHIGAN SOUTHERN RAILWAY CO.

## EARNINGS AND EXPENSES IN DETAIL, 1887.

June.	July.	August.	September.	October	November.	December.	TOTAL.
947,854 03	908,217 68	1,053,627. 67	1,089,401 43	1,198,490 88	1,233,136 01	1,168,454 49	12,547,923 25
435,059 35	443,739 90	476,045 15	511,693 31	449,047 58	367,953 06	376,278 69	4,650,653 59
33,988 06	24,788 55	33,368 72	47,206 51	43,326 06	41,105 35	38,907 62	413,265 20
67,353 29	67,353 29	61,354 12	61,373 15	63,397 80	63,487 82	73,905 78	775,548 81
20,409 74	17,621 32	18,094 73	20,140 19	16,482 66	21,115 33	21,517 90	209,877 89
7,043 83	8,832 04	7,102 43	6,936 09	10,486 63	11,393 89	11,242 75	113,694 41
1,511,708 30	1,470,552 78	1,649,592 82	1,736,750 68	1,781,231 61	1,738,191 46	1,690,307 23	18,710,963 15
28,346 52	28,749 11	28,135 04	28,602 84	28,197 08	29,581 21	29,437 67	341,710 50
7,922 52	1,531 57	2,065 66	5,857 27	2,372 09	3,420 18	6,125 75	47,756 25
7,590 13	7,016 81	7,175 54	6,309 79	8,440 50	8,749 33	9,555 91	92,606 96
16,164 42	17,377 91	14,872 66	17,892 21	18,286 28	20,049 85	16,165 38	204,664 73
3,665 45	1,487 12	2,819 38	1,556 01	2,189 14	8,515 76	12,963 50	52,066 31
8,816 87	16,531 73	7,158 43	31,364 88	23,643 92	28,568 40	23,164 25	164,304 72
9,225 19	12,574 38	17,117 74	27,134 97	57,140 47	56,489 58	59,746 00	292,998 23
5,177 46	6,324 85	12,802 94	8,880 68	9,370 67	6,574 88	8,048 52	83,824 31
35,000 00	35,000 00	35,000 00	35,000 00	35,000 00	30,000 00	34,293 61	204,293 61
36,678 34	23,642 85	6,757 02	2,983 79	551 12	10,003 70	283,202 28	283,202 28
117,832 21	100,938 87	104,312 54	83,665 56	99,643 46	91,434 36	98,256 50	1,050,461 46
54,418 84	54,789 83	75,146 99	68,206 28	88,630 19	81,387 17	85,788 19	798,625 57
47,481 43	39,472 60	56,706 65	55,480 43	75,086 56	78,724 74	78,631 24	736,274 84
4,419 35	2,784 21	3,128 31	3,775 35	6,144 86	4,682 21	7,084 20	51,921 08
3,524 84	4,026 11	4,777 05	5,773 77	7,128 55	8,285 37	19,304 73	77,556 49
77,094 29	78,899 24	84,836 96	85,618 88	93,002 21	94,358 16	103,192 21	1,026,943 13
13,333 92	12,257 29	8,655 03	12,976 46	28,386 04	35,714 48	23,765 38	195,358 41
18,393 25	18,349 30	18,947 05	19,366 64	18,534 44	18,154 91	56,255 14	261,830 56
69 26	858 55	373 21	86 51	1,807 89	2,146 68	10,179 48	23,075 86
85,429 19	88,430 45	72,370 78	81,215 92	86,501 65	89,933 79	76,379 63	1,001,028 73
33,706 48	35,843 46	38,978 68	39,814 63	45,028 67	45,904 87	68,519 34	509,820 27
71 08	19 78	1,789 30	1,179 09	936 89	727 24	9,453 18	15,185 87
24,040 88	24,076 95	24,612 65	24,587 34	24,628 83	24,622 47	24,464 94	293,140 62
4,014 66	4,353 56	744 11	7,715 85	3,759 60	1,816 40	4,364 95	34,919 49
644 80	3,526 02	2,419 96	10,107 09	1,947 12	2,704 49	4,207 83	29,813 00
7,796 44	3,067 00	2,005 00	7,821 00	3,269 69	5,054 25	468 85	38,186 39
148,894 66	158,148 54	166,260 61	170,387 70	177,907 05	176,574 63	176,873 16	1,981,318 48
427 76	277 16	1,379 63	4,733 27	12,343 52	13,582 46	5,722 30	62,859 22
8,434 65	7,883 59	9,695 59	4,362 96	7,750 64	4,201 06	9,445 52	97,288 67
46,863 26	41,234 95	50,536 53	42,878 89	43,262 40	38,438 42	45,863 52	500,505 25
820,478 15	829,472 79	861,581 04	892,352 27	1,013,324 20	1,010,948 47	1,117,724 58	10,553,541 29
40,000 00	40,000 00	40,000 00	40,000 00	40,000 00	40,000 00	36,256 88	476,256 88
860,478 15	869,472 79	901,581 04	932,352 27	1,053,324 20	1,050,948 47	1,153,981 46	11,029,798 17
651,230 15	601,079 99	748,011 78	804,398 41	727,907 41	687,242 99	536,325 77	7,681,164 98
305,000 00	305,000 00	305,000 00	305,000 00	302,000 00	302,000 00	300,645 23	3,649,645 23
346,230 15	296,079 99	443,011 78	499,398 41	425,907 41	385,242 99	235,680 54	4,031,519 75

# DETAILED STATEMENT

OF THE

## Funded Debt of the Lake Shore and Michigan Southern Railway Company

AFTER DEDUCTING \$4,250,000 BONDS IN THE SINKING FUND.

DECEMBER 31, 1887.

Date of Issue	NAME AND CHARACTER.	Miles included in Mortgage.	When Due.	Amount Outstanding.	Rate of Interest and When Payable.	Annual Interest.
July 1, 1870	Lake Shore & Michigan Southern.—Consolidated First Mortgage.....	364	July 1, 1900	\$35,690,000	7% Reg'd Jan., Apr., July and Oct. Coupon Jan. and July.	\$1,085,320
April 1, 1869	Lake Shore Railway.—Dividend Bonds.....	258	April 1, 1899	1,336,000	7% April and October.....	94,920
Oct. 1, 1867	Cleveland, Painesville & Ashtabula—Third Mortgage.....	95	Oct. 1, 1892	920,000	7% April and October.....	64,400
April 1, 1863	Buffalo & Erie—Mortgage.....	88	April 1, 1898	2,784,000	7% April and October.....	194,880
	Total amount outstanding of the First General Mortgage of \$25,000,000.....			\$20,750,000		\$1,439,520
Dec. 1, 1873	Lake Shore & Michigan Southern.—Consolidated Second General Mortgage..	364	Dec. 1, 1903	24,692,000	7% June and December.....	1,728,440
	TOTAL FUNDED DEBT—LAKE SHORE & MICHIGAN SOUTHERN RAILWAY COMPANY PROPER.....			\$45,442,000		\$3,167,960

\*\$649,000 at 5 per cent., see page 6, annual report 1886.

# DEBT OF PROPRIETARY ROADS [OWNED WHOLLY BY LAKE SHORE & MICHIGAN SOUTHERN RAILWAY CO.]

Date of Issue.	NAME AND CHARACTER.	Miles included in Mortgage.	When Due.	Amount Outstanding.	Rate of Interest and When Payable.	Annual Interest.
Aug. 1, 1876.	Detroit, Monroe & Toledo—First Mortgage guaranteed by L. S. & M. S.-----	62	Aug. 1, 1906	\$ 924,000	7 % February and August-----	\$ 64,680
Sept. 1, 1869	Kalamazoo & White Pigeon—First Mortgage-----	37	Jan. 1, 1890	400,000	7 % January and July-----	28,000
				\$1,324,000		\$92,680

# DEBT OF LEASED ROADS [INTEREST PAID BY LAKE SHORE & MICHIGAN SOUTHERN RAILWAY CO., ON ACCOUNT OF RENTAL.]

Date of Issue.	NAME AND CHARACTER.	Miles included in Mortgage.	When Due.	Amount Outstanding.	Rate of interest and When Payable.	Annual Interest.
June 1, 1868	Kalamazoo, Allegan & Grand Rapids—First Mortgage-----	58	July 1, 1888	\$ 840,000	8 % January and July-----	\$ 67,200
July 1, 1863	Jamestown & Franklin—First Mortgage-----	51	Different dates	298,000	7 % January and July-----	20,860
June 1, 1869	Jamestown & Franklin—Second Mortgage-----	51	June 1, 1894	500,000	7 % December and June-----	35,000
July 1, 1884	Mahoning Coal R. R.—First Mortgage-----	43	July 1, 1904	1,500,000	5 % January and July-----	75,000
				\$3,138,000		\$198,060

# MILEAGE STATISTICS—EIGHTEEN YEARS.

YEAR.	Miles Road Operated.	Earnings per Mile.	Expenses per Mile including Taxes.	Net Earnings per Mile.	Freight Train Mileage.	Average Freight Train Load. [Tons.]	Freight Train Earnings per Mile.	Freight Train Expenses per Mile.	Freight Train Profit per Mile.	Passenger Train Mileage.	Average No. of Paying Passengers per Train.	Passenger Train Earnings per Mile.	Passenger Train Expenses per Mile.	Passenger Train Profit per Mile.
1870	1,013.0	\$13,336	\$8,261	\$5,075	4,306,110	137.3	\$2.03.11	\$1.25.82	\$0.77.29	2,320,477	69.2	\$1.97.28	\$1.22.21	\$0.75.07
1871	1,073.8	13,872	9,106	4,766	5,659,898	133.5	1.82.71	1.19.93	0.62.78	2,367,514	60.5	1.86.07	1.22.13	0.63.94
1872	1,136.5	16,682	11,177	5,505	7,121,795	134.0	1.80.08	1.20.47	0.59.61	2,640,344	61.5	1.78.69	1.19.54	0.59.15
1873	1,154.0	16,824	11,928	4,896	8,026,320	136.0	1.76.82	1.25.36	0.51.46	2,952,823	60.8	1.72.43	1.22.25	0.50.18
1874	1,177.6	14,592	9,491	5,101	6,490,510	159.4	1.83.62	1.19.42	0.64.20	2,520,574	68.7	2.02.21	1.31.51	0.70.70
1875	1,177.6	12,284	8,963	3,321	5,798,617	168.0	1.66.23	1.21.28	0.44.95	2,743,617	60.1	1.70.12	1.24.11	0.46.01
1876	1,177.6	11,851	8,135	3,716	6,324,733	185.0	1.48.71	1.02.06	0.46.65	2,610,545	67.2	1.69.64	1.16.44	0.53.20
1877	1,177.6	11,484	7,622	3,862	5,674,685	196.2	1.66.99	1.10.83	0.56.16	2,363,504	58.4	1.65.34	1.09.73	0.55.61
1878	1,177.6	11,877	7,210	4,667	6,470,848	213.1	1.55.21	1.01.50	0.53.71	2,296,194	58.2	1.71.19	0.85.00	0.86.19
1879	1,177.6	12,975	7,591	5,384	7,506,016	237.1	1.50.39	0.91.09	0.59.30	2,234,304	63.2	1.72.63	0.91.00	0.81.63
1880	1,177.6	15,922	8,846	7,076	7,481,489	252.4	1.88.16	1.07.67	0.80.49	2,549,081	69.1	1.78.18	0.92.29	0.85.89
1881	1,177.6	15,261	9,577	5,684	7,704,600	271.1	1.64.31	1.08.74	0.55.57	2,910,400	72.9	1.77.34	0.99.66	0.77.68
1882	1,274.0	14,306	8,679	5,627	7,269,723	269.3	1.65.38	1.07.43	0.57.95	3,237,427	72.2	1.85.59	1.00.32	0.85.27
1883	1,339.9	13,317	8,211	5,106	7,176,597	245.4	1.73.90	1.06.35	0.67.55	3,403,224	63.4	1.70.00	0.99.05	0.70.95
1884	1,340.3	11,075	6,815	4,260	5,828,746	252.7	1.60.56	1.04.83	0.55.73	3,459,742	55.1	1.51.25	0.87.38	0.63.87
1885	1,340.3	10,545	6,929	3,616	6,316,179	283.7	1.42.99	1.01.05	0.41.94	3,481,846	50.8	1.37.79	0.83.43	0.54.36
1886	1,340.3	11,832	7,260	4,572	6,134,161	259.5	1.68.40	1.06.34	0.62.06	3,439,066	55.7	1.52.33	0.93.30	0.59.03
1887	1,340.3	13,963	8,231	5,732	6,742,811	273.4	1.86.09	1.14.32	0.71.77	3,371,318	61.0	1.77.32	0.98.52	0.78.80

## CHIEF ENGINEER'S DEPARTMENT.

1887.

## REPAIRS AND RENEWALS.

[Included in Operating Expenses.]

New steel rail laid.....	11,488 tons.....	110.74 miles.
Cross-ties renewed, 614,596, equal to.....		219.50 miles.
Fence built [board] .....		9.09 miles.
" " [wire] .....		109.91 miles.
Track ballasted with gravel, cinders and stone.....		210.69 miles.

## CHIEF ENGINEER'S TABLE OF ROAD OPERATED

—BY THE—

Lake Shore &amp; Michigan Southern Railway Company.

JANUARY 1. 1888.

## MAIN LINE.

	MILES.
Buffalo to Erie.....	88.00
Erie to Cleveland.....	95.50
Cleveland to West end Toledo bridge, via Norwalk.....	111.77
West end Toledo bridge to Toledo.....	1.10
Toledo to Chicago, via Adrian.....	244.12
	540.49

## BRANCHES OF THE L. S. &amp; M. S. RAILWAY.

Elyria Junction to Millbury Junction, via Sandusky.....	72.95
Sandusky Pier, from Junction to Old Depot.....	3.72
Air Line Junction to Elkhart.....	130.83
Lenawee Junction to Jackson.....	41.95
Lenawee Junction to Monroe.....	29.37
Ashtabula to Ashtabula Harbor.....	2.33
Ashtabula to Jamestown.....	35.98
Junction with D. A. V. & Pitts. R. R. at Dunkirk.....	1.50
	318.66

## PROPRIETARY ROADS [OWNED WHOLLY BY THIS COMPANY].

Detroit, Monroe & Toledo Railroad—	
Air Line Junction to Detroit.....	62.36
Kalamazoo & White Pigeon Railroad—	
White Pigeon to Kalamazoo.....	36.57
Northern Central Michigan Railroad—	
Jonesville to North Lansing.....	61.14
	160.07

## ROADS OPERATED UNDER LEASE.

Kalamazoo, Allegan & Grand Rapids Railroad,	
Kalamazoo to Grand Rapids.....	58.42
Jamestown & Franklin Railroad,	
Jamestown to Oil City.....	50.91
Mahoning Coal Railroad,	
Andover to Youngstown.....	33.31 miles.
Branch to No. 9 Coal Bank.....	2.85 miles.
Branch to Keel Ridge Coal Bank.....	0.73 miles.
Branch to Garfield Coal Bank.....	0.17 miles.
	42.06
Detroit, Hillsdale & South-western.....	65.20
Fort Wayne & Jackson.....	97.83
M. & S. V. R. R., Doughton Junction to State Line Ohio and Pa.....	5.97 miles.
S. V. R. R., State Line Ohio and Pa. to North Line Borough of Sharon.....	1.77 miles.
	7.74
	322.16

LENGTH OF ROAD OPERATED.....1,341.33

## SECOND TRACK.

Between Buffalo and Erie.....	88.00
Between Erie and Cleveland.....	95.50
Between Cleveland and west end Toledo Bridge.....	49.90
West end Toledo Bridge to Toledo.....	1.10
Toledo to Air Line Junction.....	2.59
Between Elkhart and Chicago.....	29.15
	266.24

## SIDE TRACKS.

Buffalo Division.....	55.20
Erie Division.....	89.76
Toledo Division.....	112.89
Franklin Division.....	34.38
Youngstown Division.....	15.61
Sharon Line.....	1.73
Michigan Southern Division.....	273.11
	582.68

TOTAL MILES OF SINGLE TRACK.....	{ Steel..... 1,734.22	
	{ Iron..... 456.08	
		2,190.30

## LAKE SHORE &amp; MICHIGAN SOUTHERN RAILWAY CO.

## TABLE OF TRACKS.

JANUARY 1, 1888.

Showing the Length of same in each State through which the Line passes.

TRACKS.	STATE.						TOTAL.
	N. Y.	Penn.	Ohio.	Indi'na	Mich.	Ill'n's.	
Single Track—	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.
Main Line.....	69.50	44.06	195.01	101.95	115.95	14.02	540.49
Branches.....	1.50	57.94	230.41	119.15	391.89	-----	800.89
LENGTH OF ROAD OPERATED.....	71.00	102.00	425.42	221.10	507.84	14.02	1,341.38
Second Track.....	69.50	44.06	123.53	21.90	-----	7.25	266.24
Sidings.....	41.89	43.68	272.06	85.51	86.63	47.86	552.68
TOTAL MILES OF SINGLE TRACK.....	182.39	194.74	821.01	323.51	594.52	69.13	2,190.30

## RECAPITULATION.

STATE.	MILES OPERATED.				MILES OF SINGLE TRACK.			
	Main Line.	Branches	Total.	Per Cent.	Second Track.	Sidings.	Total.	Per Cent.
New York.....	69.50	1.50	71.00	5.29	69.50	41.89	182.39	8.33
Pennsylvania.....	44.06	57.94	102.00	7.60	44.06	43.68	194.74	8.89
Ohio.....	195.01	230.41	425.42	31.72	123.53	272.06	821.01	37.48
Indiana.....	101.95	119.15	221.10	16.48	21.90	85.51	328.51	15.00
Michigan.....	115.95	391.89	507.84	37.86	-----	86.63	594.52	27.14
Illinois.....	14.02	-----	14.02	1.05	7.25	47.86	69.13	3.16
TOTAL.....	540.49	800.89	1,341.38	100.	266.24	582.63	2,190.30	100.

## RECAPITULATION OF GRAND DIVISIONS—[EAST AND WEST OF TOLEDO].

DIVISIONS.	Main Line.	Branches.	Second Track.	Sidings.	Total.
	Miles.	Miles.	Miles.	Miles.	Miles.
Lake Shore.....	295.27	217.19	233.40	309.57	1,055.43
Michigan Southern.....	245.22	583.70	32.84	273.11	1,134.87
TOTAL.....	540.49	800.89	266.24	582.68	2,190.30

## CAR DEPARTMENT.

1887.

## NEW CARS PURCHASED—PASSENGER.

Passenger cars—first-class .....	10
Buffet cars, for limited trains.....	2
	12
Less postal and baggage cars destroyed.....	3
Net increase.....	9

## NEW CARS PURCHASED—FREIGHT.

Box cars.....	850
Sundry cars built.....	26
	876
Less cars broken up or worn out.....	481
Net increase.....	395
	1887. 1886.
New wheels put under cars.....	14,013 16,305
New axles put under cars.....	810 987

The cost of maintenance of car equipment, including the cost of all new cars, was in 1887 for passenger equipment, \$195,358.41; for freight equipment, \$1,001,028.73.

## EQUIPMENT DECEMBER 31st, 1887.

## PASSENGER.

First-class passenger cars .....	133
Second-class passenger cars .....	6
Second-class and smoking cars.....	26
Smoking and baggage (combined) cars.....	10
Emigrant cars .....	20
Postal cars.....	29
Postal and baggage (combined) cars.....	13
Baggage cars.....	62
Buffet cars.....	4
Dining cars.....	3
Total.....	306

## FREIGHT.

Box cars .....	10,894
Stock cars.....	1,589
Platform cars.....	1,514
Coal cars.....	3,155
Total.....	17,152

## WORKING CARS.

Caboose cars.....	265	Dumper cars.....	180
Derrick cars.....	12	Tool cars.....	8
Officers' cars.....	3	Paymaster cars.....	2
			470
Grand total all cars .....			17,928



# LOCOMOTIVE DEPARTMENT.

1887.

Number of locomotives..... 525

## Miles run by locomotives—

Passenger service..... 3,654,268

Freight service..... 7,634,236

Working train service..... 503,056

Switching ..... 4,020,872

TOTAL ..... 15,812,432

Average number miles run per locomotive..... 30,461

## Cost per mile run—

Repairs .....Cents 5.05

Service..... “ 6.49

Fuel ..... “ 4.66

Lubricants, etc..... “ .16

TOTAL CENTS..... 16.36

Miles run per ton of coal..... 29.76

## FUEL CONSUMED.

519,058 tons coal.....average \$1.37 \$714,891.83

12,112 cords wood..... “ 1.76 21,383.01

\$736,274.84

Being 4.9% cents per locomotive mile.

# GENERAL SUMMARY OF FREIGHT BUSINESS

FOR THE YEAR ENDING DECEMBER 31, 1887.

## TONS MOVED.

	1887.	1886.		Per Cent.
East-bound freight.....	4,672,115	4,328,656	Increase, 343,459	7.93
West-bound freight.....	4,654,737	3,976,941	Increase, 677,796	17.04
TOTAL.....	9,326,852	8,305,597	Increase, 1,021,255	12.30

Average haul for each ton carried this year: East-bound 204.1 miles; West-bound 191.3 miles; all freight 197.7 miles. Last year: East-bound 203.3 miles; West-bound 179 miles; all freight 191.7 miles.

## TONNAGE MILEAGE.

	1887.	1886.		Per Cent.
East-bound freight, tons carried one mile..	953,476,228	880,024,016	Increase, 73,452,212	8.35
West-bound freight, " " " "	890,309,668	712,020,750	Increase, 178,288,918	25.04
TOTAL.....	1,843,785,896	1,592,044,766	Increase, 251,741,130	15.81

## RATES.

	1887.	1886.		Per Cent.
East-bound, per ton per mile.....	Cent 0.6771	Cent 0.6405	Increase, Cent 0.0366	5.71
West-bound, " " " "	" 0.6625	" 0.6365	Increase, " 0.0260	4.08
BOTH WAYS.....	" 0.6700	" 0.6387	Increase, " 0.0313	4.90

## EARNINGS.

	1887.	1886.		Per Cent.
East-bound freight.....	\$ 6,455,783.01	\$ 5,636,874.64	Increase, \$ 818,908.37	14.53
West-bound freight.....	5,898,210.26	4,531,980.36	Increase, 1,366,229.90	30.15
Switching, Storage, Elevating, &c.....	193,929.98	160,770.32	Increase, 33,159.66	20.63
TOTAL.....	\$12,547,923.25	\$10,329,625.32	Increase, \$2,218,297.93	21.43

Proportions of freight movements this year—East-bound 51.7 per cent.; West-bound 48.3 per cent. As compared with last year, the increase in revenue from increased tonnage moved is about \$1,641,100; and from the increase in average rate about \$577,200.

## COMPARATIVE STATEMENT,

SHOWING

TONNAGE AND PERCENTAGE OF ARTICLES CARRIED IN 1887,

COMPARED WITH 1886.

ARTICLES.	1887.		1886.		Increase and De- crease this year.
	Per Ct.	Tons.	Per Ct.	Tons.	PER CENT.
Coal and Coke.....	21.63	2,017,474	21.69	1,801,645	Increase 11.98
Iron Ore .....	4.75	443,540	3.73	309,583	Increase 43.27
Stone, Sand and Lime .....	6.07	565,787	5.83	484,525	Increase 16.77
Petroleum .....	4.25	395,893	5.03	418,010	Decrease 5.29
Pig, Bloom and Railroad Iron.....	2.74	255,709	2.45	203,485	Increase 25.66
Other Iron and Castings.....	6.11	569,559	5.28	438,662	Increase 29.84
Lumber and other Forest Products.....	9.64	898,753	9.01	747,979	Increase 20.16
Animals .....	4.74	442,439	5.33	442,916	Decrease 0.11
Grain.....	10.23	953,983	11.77	977,136	Decrease 2.37
Agricultural Products, except Grain .....	3.13	291,703	4.08	338,504	Decrease 13.83
Flour .....	3.41	318,229	3.39	281,826	Increase 12.92
Provisions .....	3.33	310,957	3.26	270,697	Increase 14.87
Manufactures.....	3.99	372,492	3.21	266,836	Increase 39.60
Merchandise and other articles .....	15.98	1,490,334	15.94	1,323,793	Increase 12.58
TOTAL .....	100.	9,326,852	100.	8,305,597	Increase 12.30

## FREIGHT NOT EARNING REVENUE—(Being for use of the Company.)

	1887.	1886.
Tons moved in freight trains one mile.....	92,587,665	70,665,323
Cost per ton per mile .....	Cents 0.418	Cents 0.410
Amount of cost of this transportation .....	\$387,016	\$289,728

# TONNAGE OF ARTICLES CARRIED—EIGHTEEN YEARS.

1870 TO 1887—INCLUSIVE

Year.	Coal and Coke.		Iron Ore.		Stone, Lime, and Sand.		Petroleum.		Pig. R. Bloom & Castings.		Lumber and other Forest Products.		Animals.		Grain.		Agricultural Products except Grain.		Flour.		Provisions.		Manufactures.		Merchandise and other Articles.	
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1870	215,997	95,521	---	280,959	76,012	66,778	334,581	276,531	451,431	149,031	252,163	132,645	199,547	467,529	---	---	---	---	---	---	---	---	---	---	---	---
1871	241,994	118,586	---	380,203	66,465	92,530	363,068	319,721	753,197	219,040	256,146	204,984	208,465	560,176	---	---	---	---	---	---	---	---	---	---	---	---
1872	331,819	142,296	---	368,113	91,475	90,803	458,859	421,644	931,992	167,496	231,460	233,915	194,797	778,423	---	---	---	---	---	---	---	---	---	---	---	---
1873	518,643	164,949	---	635,040	68,121	99,413	530,683	480,623	816,267	232,687	272,677	279,044	182,091	896,425	---	---	---	---	---	---	---	---	---	---	---	---
1874	662,329	171,102	---	488,865	62,253	104,594	572,869	438,409	957,721	185,787	299,763	237,067	167,142	873,366	---	---	---	---	---	---	---	---	---	---	---	---
1875	694,658	150,613	---	530,796	83,440	119,314	511,651	410,851	870,335	181,183	264,585	258,544	190,894	755,626	---	---	---	---	---	---	---	---	---	---	---	---
1876	827,252	141,928	10,160	589,022	82,720	100,949	469,097	456,734	1,055,589	205,445	308,007	270,274	198,804	889,186	---	---	---	---	---	---	---	---	---	---	---	---
1877	754,859	128,025	11,929	755,952	72,946	118,599	490,022	410,165	1,090,211	172,466	260,381	210,260	192,110	905,473	---	---	---	---	---	---	---	---	---	---	---	---
1878	717,423	111,373	11,143	569,964	110,805	116,718	463,475	544,009	1,384,863	229,032	314,969	345,738	261,727	912,201	---	---	---	---	---	---	---	---	---	---	---	---
1879	1,053,825	144,460	48,376	470,449	198,073	184,493	633,721	616,812	1,841,120	277,895	335,868	286,983	299,357	1,149,862	---	---	---	---	---	---	---	---	---	---	---	---
1880	1,290,647	203,060	134,016	327,953	369,316	287,331	801,653	637,795	1,727,645	308,039	367,718	314,468	314,587	1,286,103	---	---	---	---	---	---	---	---	---	---	---	---
1881	1,675,716	315,006	180,037	307,672	434,019	398,470	1,015,199	563,555	1,509,444	375,654	347,865	242,430	413,324	1,336,117	---	---	---	---	---	---	---	---	---	---	---	---
1882	1,800,896	363,155	291,416	399,082	358,215	403,847	1,031,185	511,748	1,203,979	326,088	323,252	220,001	479,522	1,438,152	---	---	---	---	---	---	---	---	---	---	---	---
1883	1,737,724	341,645	305,960	365,087	276,476	416,668	890,967	484,878	1,160,489	245,988	311,887	247,489	415,322	1,278,025	---	---	---	---	---	---	---	---	---	---	---	---
1884	1,568,743	335,768	242,233	377,448	135,653	323,502	673,774	442,398	1,105,852	224,016	386,712	182,970	303,720	1,162,894	---	---	---	---	---	---	---	---	---	---	---	---
1885	1,822,245	394,548	268,393	376,611	170,420	348,822	692,205	435,324	1,142,422	332,793	338,816	223,819	261,801	1,284,874	---	---	---	---	---	---	---	---	---	---	---	---
1886	1,801,645	484,525	309,583	418,010	203,485	438,662	747,979	442,916	977,136	338,504	281,826	270,697	266,836	1,323,793	---	---	---	---	---	---	---	---	---	---	---	---
1887	2,017,474	565,787	443,540	395,893	255,709	569,559	898,753	442,439	953,983	291,703	318,229	310,957	372,492	1,490,334	---	---	---	---	---	---	---	---	---	---	---	---

# STATISTICS OF FREIGHT BUSINESS—EIGHTEEN YEARS, 1870 to 1887, INCLUSIVE.

Year.	EAST-BOUND.					WEST-BOUND.					TOTAL, EAST AND WEST.					Miscellaneous Earnings for Switching, Storage, etc.		TOTAL EARNINGS Including Miscellaneous.		Percent- age of Freight Move- ments.		Average Ton Haul for Each Ton Carried.
	Tons.	Earnings.	Tons Carried one Mile.	Rate per Ton per Mile.	Cts.	Tons.	Earnings.	Tons Carried one Mile.	Rate per Ton per Mile.	Cts.	Tons.	Earnings.	Tons Carried one Mile.	Rate per Ton per Mile.	Cts.							
																		Eastward.	Westward.			
1870	2,036,753	\$5,586,697	412,067,965	1.356	1.882	941,972	\$3,047,775	161,967,606	1.882	2,978,725	\$8,634,472	574,035,571	1.504		\$111,654	\$3,746,126	71.8	28.2	192.7			
1871	2,564,708	7,143,075	526,397,486	1.357	1.478	1,219,817	3,062,784	207,273,210	1.478	3,781,525	10,205,859	733,670,696	1.391		135,359	10,341,218	71.7	28.3	193.9			
1872	2,997,556	8,488,927	667,369,119	1.272	1.638	1,445,536	4,217,956	257,475,021	1.638	4,443,092	12,706,883	924,844,140	1.374		117,979	12,824,862	72.2	27.8	208.2			
1873	3,447,790	9,994,546	770,423,785	1.297	1.437	1,723,871	4,074,856	283,503,404	1.437	5,176,661	14,069,402	1,053,927,189	1.335		122,997	14,192,399	73.1	26.9	203.6			
1874	3,715,071	8,273,159	753,633,140	1.098	1.432	1,506,196	3,518,453	245,708,941	1.432	5,221,267	11,791,612	999,342,081	1.180		126,738	11,918,350	75.4	24.6	191.4			
1875	3,331,876	6,466,969	677,979,702	0.954	1.155	1,640,614	3,063,069	265,256,459	1.155	5,022,450	9,530,093	943,236,161	1.010		109,000	9,639,098	71.9	28.1	187.8			
1876	3,867,031	6,421,447	827,020,640	0.776	0.926	1,768,136	2,841,276	306,814,193	0.926	5,635,167	9,262,723	1,133,894,828	0.817		142,906	9,405,629	72.9	27.1	201.2			
1877	3,718,449	6,175,884	747,274,720	0.826	0.947	1,794,949	3,152,365	332,730,841	0.947	5,513,398	9,328,249	1,030,005,561	0.864		148,359	9,476,608	69.2	30.8	195.9			
1878	4,228,390	6,633,696	995,021,834	0.672	0.913	1,870,055	3,152,463	345,445,992	0.913	6,098,445	9,836,159	1,340,467,826	0.734		212,793	10,048,952	74.2	25.8	219.8			
1879	4,943,252	7,144,042	1,197,135,107	0.597	0.741	2,593,042	3,976,184	536,288,333	0.741	7,541,294	11,120,226	1,733,423,440	0.642		168,035	11,288,261	69.1	30.9	229.9			
1880	5,077,371	8,813,335	1,179,292,211	0.747	0.756	3,272,965	5,077,228	671,873,807	0.756	8,350,336	13,890,563	1,851,166,018	0.750		186,731	14,077,294	60.8	39.2	221.7			
1881	5,133,657	6,851,182	1,157,415,231	0.592	0.651	4,030,851	5,624,516	864,360,237	0.651	9,164,508	12,475,698	2,021,775,468	0.617		184,289	12,659,987	57.2	42.8	220.6			
1882	4,892,118	6,554,829	1,020,258,772	0.642	0.610	4,303,420	5,324,970	872,609,452	0.610	9,195,538	11,879,799	1,892,888,224	0.628		142,778	12,022,577	53.9	46.1	205.8			
1883	4,537,209	7,018,156	954,615,205	0.735	0.718	3,591,396	5,276,523	734,867,210	0.718	8,478,605	12,294,679	1,689,512,415	0.728		135,415	12,480,094	56.5	43.5	199.3			
1884	4,006,220	5,184,770	832,004,913	0.623	0.694	3,359,468	4,017,940	573,540,761	0.694	7,365,688	9,202,710	1,410,545,674	0.652		156,106	9,358,816	59.0	41.0	191.5			
1885	4,341,610	5,042,751	954,301,180	0.528	0.589	3,691,483	3,816,270	648,265,855	0.589	8,023,093	8,959,021	1,602,567,035	0.553		172,396	9,031,417	59.5	40.5	199.7			
1886	4,323,656	5,636,875	880,024,016	0.641	0.636	3,976,941	4,531,980	712,020,750	0.636	8,205,597	10,163,855	1,592,044,766	0.639		160,770	10,329,625	55.3	44.7	191.7			
1887	4,672,115	6,455,783	953,476,228	0.677	0.662	4,654,737	5,898,210	890,309,668	0.662	9,326,852	12,353,993	1,843,785,896	0.670		193,930	12,547,923	51.7	48.3	197.7			

**FREIGHT FORWARDED AND RECEIVED AT EACH STATION,**  
**FOR THE YEAR ENDING DECEMBER 31, 1887.**

STATIONS.	FREIGHT FORWARDED.		FREIGHT RECEIVED.	
	Tons.	Revenue.	Tons.	Revenue.
<b>Main Line.</b>				
EAST BUFFALO .....	825,352	\$1,512,690	1,982,470	\$3,624,733
BUFFALO .....	320,545	424,338	391,977	563,425
Total East Buffalo and Buffalo .....	1,145,897	\$1,937,028	2,374,447	\$4,188,158
West Hamburg .....	181	271	393	421
Lake View .....	73	135	808	673
Derby .....	495	426	745	784
Angola .....	1,732	1,772	2,900	3,196
Farnham .....	2,859	4,852	1,995	2,262
Irving .....	6,498	3,678	308	351
Silver Creek .....	1,918	4,418	6,168	6,560
DUNKIRK .....	99,408	90,551	46,976	62,871
Brocton .....	5,372	10,916	4,168	6,770
Westfield .....	1,250	2,672	4,012	5,595
Ripley .....	482	703	1,141	1,859
State Line .....	1,238	1,612	716	1,137
North East .....	4,392	6,652	7,654	9,938
Moorhead .....	470	398	1,108	1,746
Harbor Creek .....	672	808	326	305
ERIE .....	369,663	504,349	500,306	574,701
Swanville .....	659	608	99	166
Fairview .....	2,218	2,827	1,314	1,519
Girard .....	2,934	5,385	5,064	6,613
Springfield .....	414	410	129	230
Conneaut .....	7,595	8,849	6,773	6,764
Kingsville .....	4,978	5,575	1,201	1,157
Ashtabula .....	9,171	11,092	85,787	38,134
Saybrook .....	90	276	187	231
Geneva .....	2,315	4,970	8,247	8,779
Unionville .....	633	960	701	934
Madison .....	2,137	2,596	3,079	3,434
Perry .....	3,160	3,829	1,981	2,010
Painesville .....	7,381	13,259	23,560	25,259
Mentor .....	541	766	1,367	1,233
Willoughby .....	2,297	3,299	5,439	5,161
Wickliffe .....	585	350	308	332
Nottingham .....	486	821	1,495	1,123
Collinwood .....	5,434	3,390	5,370	3,540
Glenville .....	477	1,005	4,716	3,909
CLEVELAND .....	1,798,206	2,284,640	1,019,637	1,128,985
Rockport .....			543	524
Berea .....	39,410	46,763	9,116	8,608
Olmsted Falls .....	4,813	4,936	2,967	1,910
Shawville .....	322	643	1,260	1,017
ELYRIA .....	259,519	183,148	27,991	31,100
Oberlin .....	30,660	34,937	18,121	15,701
Kipton .....	2,230	3,291	1,710	2,072
Wakeman .....	3,498	4,658	1,619	2,442
Collins .....	3,096	4,309	1,294	1,479
Norwalk .....	8,461	14,413	21,011	22,605
Monroeville .....	8,292	9,530	2,785	3,750
Bellevue .....	19,598	28,109	12,123	11,431
Clyde .....	62,248	33,996	9,815	12,184
Fremont .....	27,806	29,138	17,194	21,291

## FREIGHT FORWARDED AND RECEIVED—CONTINUED.

STATIONS.	FREIGHT FORWARDED.		FREIGHT RECEIVED.	
	Tons.	Revenue.	Tons.	Revenue.
Lindsey .....	4,226	\$ 5,693	604	\$ 866
Elmore .....	11,382	11,583	8,407	8,304
Genoa .....	12,817	14,791	4,228	3,744
Millbury .....	1,225	1,289	314	533
North Amherst .....	80,492	79,022	10,814	6,858
Brownhelm .....	2,102	2,437	1,135	1,025
Vermillion .....	2,173	2,797	3,509	3,578
Ceylon .....	7,302	8,657	1,895	2,156
Huron .....	4,473	6,058	3,859	4,176
SANDUSKY .....	448,587	474,510	189,113	201,031
Venice .....	1,294	1,210	85	182
Marblehead Junction .....	34,298	23,096	9,145	6,650
Gypsum .....	7,387	8,041	2,238	2,155
Port Clinton .....	2,618	3,981	5,523	6,416
La Carne .....	292	338	102	161
Oak Harbor .....	2,886	3,320	1,847	3,171
Rocky Ridge .....	11,300	11,980	786	1,135
Graytown .....	10,058	9,658	1,209	1,293
Martin .....	7,988	9,027	1,115	1,080
TOLEDO .....	892,710	863,825	678,266	568,945
Sylvania .....	2,224	1,607	1,144	1,268
Ottawa Lake .....	1,201	1,587	661	631
Riga .....	1,734	1,617	357	564
Blissfield .....	4,342	7,564	2,887	4,600
Grosvenor .....	15,874	23,340	5,072	6,819
Palmyra .....	620	908	436	547
Lenawee Junction .....	200	244	63	82
ADRIAN .....	16,746	34,939	38,038	46,971
Clayton .....	2,953	5,675	1,024	1,958
Hudson .....	9,288	23,482	7,124	12,702
Pittsford .....	2,776	4,964	714	1,378
Osseo .....	2,240	3,688	518	946
Hillsdale .....	21,588	41,115	29,857	34,888
Jonesville .....	17,933	20,829	5,930	8,806
Allen .....	2,537	5,043	1,004	1,958
Quincy .....	5,295	11,871	6,441	9,479
Coldwater .....	18,119	48,159	28,149	39,562
Batavia .....	623	938	136	245
Bronson .....	4,682	11,364	3,693	6,886
Burr Oak .....	5,090	10,737	2,145	3,779
Sturgis .....	30,477	32,842	8,642	15,425
Klinger Lake .....	1,922	3,306	208	362
White Pigeon .....	3,755	9,568	5,009	7,522
Vistula .....	1,523	3,550	1,436	3,180
Bristol .....	1,218	2,206	1,087	2,162
ELKHART .....	12,711	25,656	34,090	52,309
Holland .....	3,378	2,596	300	304
Swanton .....	4,187	5,256	2,398	3,335
Delta .....	4,766	7,940	3,051	4,346
Wauseon .....	10,624	22,526	7,329	10,640
Pettisville .....	519	1,466	349	657
Archbald .....	5,587	8,713	2,569	3,967
Stryker .....	5,889	9,952	3,048	5,747
Bryan .....	8,447	19,092	8,741	15,117

## FREIGHT FORWARDED AND RECEIVED—CONTINUED.

STATIONS.	FREIGHT FORWARDED.		FREIGHT RECEIVED.	
	Tons.	Revenue.	Tons.	Revenue.
Melbern .....	1,424	\$ 3,055	173	\$ 377
Edgerton .....	4,302	8,699	2,157	3,870
Butler .....	3,349	16,434	6,140	10,054
Waterloo .....	5,864	11,085	3,553	5,865
Sedan .....	1,662	1,920	34	29
Corunna .....	5,109	8,491	625	1,286
Kendallville .....	18,256	28,600	10,052	16,857
Brimfield .....	1,539	2,723	554	906
Wawaka .....	1,881	2,517	823	1,068
Ligonier .....	14,320	33,594	9,031	14,598
Millersburg .....	1,877	1,727	450	927
GOSHEN .....	55,383	91,627	27,436	41,063
Osceola .....	299	416	85	151
Mishawaka .....	6,788	14,778	12,832	16,928
SOUTH BEND .....	37,071	70,448	65,783	92,637
Warren .....	685	1,073	36	47
Terre Coupee .....	2,287	3,001	42	82
Carlisle .....	5,421	6,142	1,692	2,841
Rolling Prairie .....	9,415	8,632	494	902
LA PORTE .....	74,963	61,475	21,120	36,198
Durham .....	2,629	4,365	30	51
Otis .....	18,698	23,557	7,369	12,311
Burdick .....	4,203	3,652	115	177
Chesterton .....	15,268	9,269	6,318	8,439
Millers .....	147,522	53,157	1,147	2,477
Pine .....	89	67	3	7
Whiting .....	18,978	6,703	205	253
Colehour .....	7,836	2,757	244	375
South Chicago .....	23,656	12,436	139,254	125,608
Grand Crossing .....	10,397	14,844	26,786	23,059
ENGLEWOOD .....	66,549	146,440	631,148	1,383,459
CHICAGO .....	770,079	2,366,076	826,959	1,421,597
Franklin Branch.				
Oil City .....	44,134	60,585	27,806	25,430
Reno .....	1,493	3,789	736	580
Run .....	2,233	1,545	-----	-----
Franklin .....	65,738	132,423	32,198	31,158
Polk .....	847	950	501	703
Raymilton .....	7,928	5,440	801	1,168
Sandy Lake .....	2,337	3,236	1,762	3,358
Stoneboro .....	73,303	32,741	16,180	11,929
Clark .....	2,110	2,470	357	615
Hadley .....	2,700	2,666	784	1,176
Salem .....	95	127	203	156
Amasa .....	3,008	233	712	539
Jamestown .....	4,509	4,431	3,635	3,869
Simon .....	1,056	1,330	237	266
Andover .....	3,134	3,961	4,311	5,289
Leon .....	1,821	2,110	653	1,008
Dorset .....	4,759	4,881	1,159	1,479
Jefferson .....	3,024	3,842	5,168	6,908
Plymouth .....	12	8	88	133
Ashtabula Harbor .....	441,604	283,058	252,119	77,246
Youngstown Branch.				
YOUNGSTOWN .....	594,901	416,757	504,634	351,232



## FREIGHT FORWARDED AND RECEIVED—CONTINUED.

STATIONS.	FREIGHT FORWARDED.		FREIGHT RECEIVED.	
	Tons.	Revenue.	Tons.	Revenue.
Coalburg .....	34,517	\$ 30,818	73,777	\$ 26,842
Tyrrell Hill .....	1,018	816	918	1,214
Fowler .....	624	762	165	219
Kinsman .....	2,053	3,225	4,009	5,580
Williamsfield .....	1,574	2,575	1,353	2,181
Detroit Branch.				
DETROIT .....	100,919	140,255	374,521	327,891
WEST DETROIT .....	84,341	63,127	148,335	126,610
Ecorces .....	1,878	1,506	73	77
Wyandotte .....	14,558	12,972	24,860	13,617
Trenton .....	23,904	10,451	4,475	3,561
Rockwood .....	5,125	4,310	2,252	1,753
Newport .....	1,456	1,723	453	556
Warner .....	1,046	188	649	112
MONROE .....	259,412	136,406	166,258	95,204
Vienna .....	142	174	108	159
West Toledo .....	1,985	2,744	4,100	4,663
Wagon Works .....	8,379	13,267	42,288	30,621
Monroe Branch.				
Strasburg .....	837	1,250	54	101
Ida .....	1,445	1,799	309	575
Petersburg .....	3,094	3,446	1,199	1,884
Deerfield .....	4,812	5,005	711	1,445
Corbus .....	3,891	3,487	1,652	2,197
Jackson Branch.				
Tecumseh .....	6,023	13,553	11,905	14,499
Clinton .....	3,560	7,269	5,015	6,957
Manchester .....	5,083	10,521	3,651	5,518
Norvell .....	223	552	402	637
Napoleon .....	1,115	2,114	701	1,090
Ypsilanti Branch.				
Ypsilanti .....	3,598	6,850	14,000	16,370
Pittsfield Junction .....	1,119	1,369	267	525
Saline .....	3,614	4,732	3,163	4,263
Bridgewater .....	671	1,009	218	370
Watkins .....	204	370	61	85
Brooklyn .....	2,003	4,157	2,927	4,541
Woodstock .....	398	769	63	160
Somerset .....	952	1,873	323	585
Somerset Centre .....	514	935	497	891
Jerome .....	1,347	2,133	385	674
North Adams .....	2,123	3,724	1,840	2,888
Fort Wayne Branch.				
JACKSON .....	24,919	36,146	45,000	66,552
Horton .....	2,093	2,060	949	1,273
Hanover .....	1,139	1,699	772	1,252
Stony Point .....	10,333	10,546	450	452
Mosherville .....	1,105	1,981	323	514

## FREIGHT FORWARDED AND RECEIVED—CONCLUDED.

STATIONS.	FREIGHT FORWARDED.		FREIGHT RECEIVED.	
	Tons.	Revenue.	Tons.	Revenue.
Bankers .....	4,011	\$ 3,714	588	\$ 611
Reading .....	7,088	10,664	2,985	5,067
Montgomery .....	3,164	4,635	486	1,059
Ray .....	4,686	4,060	448	836
Fremont .....	5,808	12,380	2,393	4,053
Angola .....	9,029	17,243	6,309	10,358
Pleasant Lake .....	9,577	11,496	1,846	3,350
Summit .....	1,825	2,716	226	555
Auburn .....	4,018	5,744	4,893	7,258
Auburn Junction .....	6,284	6,342	8,337	7,656
St. Johns .....	614	394	---	---
New Era .....	1,657	1,474	104	171
Stoners .....	498	549	154	124
Huntertown .....	1,385	1,904	19	28
FORT WAYNE .....	74,128	100,686	87,040	98,102
Lansing Branch.				
Litchfield .....	3,368	6,165	2,422	3,980
Homer .....	1,010	2,474	1,819	2,998
Condit .....	39	100	3	5
Albion .....	5,905	14,434	10,629	13,459
Devereux .....	797	957	174	308
Springport .....	3,276	4,734	2,713	4,266
Charlesworth .....	1,472	1,624	73	140
Eaton Rapids .....	2,504	5,422	4,501	6,076
Kingsland .....	234	173	---	---
Dimondale .....	2,508	2,820	377	882
LANSING .....	52,283	75,448	33,846	48,883
Kalamazoo Division.				
Constantine .....	8,183	16,195	9,689	13,217
Florence .....	102	52	208	243
Three Rivers .....	9,275	18,229	12,508	16,324
Moorepark .....	749	966	460	776
Flowerfield .....	1,766	1,805	179	314
Schoolcraft .....	5,941	9,118	2,639	4,343
Portage .....	90	85	72	105
KALAMAZOO .....	16,320	38,013	41,659	57,200
Cooper .....	126	59	12	8
Argenta .....	419	731	81	102
Plainwell .....	5,017	10,257	4,735	7,394
Otsego .....	3,097	5,969	9,115	10,349
Abronia .....	443	304	---	---
Allegan .....	31,910	35,707	8,804	18,765
Hopkins .....	5,893	7,660	1,013	1,906
Hilliards .....	3,119	2,854	233	524
Dorr .....	4,967	5,184	731	1,473
Byron Centre .....	4,525	3,930	998	1,324
Eagle Mills .....	14,739	9,316	48	36
GRAND RAPIDS .....	29,515	63,524	63,098	97,411
TOTALS .....	9,326,852	\$12,353,993	9,326,852	\$12,353,993
Add Switching, Storage, Elevating, &c. ....				193,930
TOTAL REVENUE .....				\$12,547,923

# DESCRIPTIVE STATEMENT OF FREIGHT FORWARDED FROM EACH STATION, For the Year Ending December 31, 1887.

STATIONS.	Coal and Coke.	Stone, Sand and Lime.	Petroleum.	Pig, Bloom and Railroad Iron.	Other Iron and Castings.	Lumber and other Forest Products.	Animals.	Grain.	Agricultural Products (except Grain.)	Flour.	Provisions.	Manufactures.	Merchandise and other Articles.	TOTAL.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<b>MAIN LINE.</b>														
EAST BUFFALO	120,162	28,672	674	50,832	79,519	2,837	1,502	755	23,769	1,616	6,760	96,050	413,204	825,352
BUFFALO	142,738	12,032	6,293	8,791	57,566	2,944	395	966	9,501	671	1,555	6,082	70,361	320,545
Total E. Buf. & Buf. West Hamburg	262,900	40,754	6,967	59,623	137,085	5,781	1,897	1,721	33,270	2,287	8,315	101,132	494,165	1,145,897
Leake View						69			38	27		15	31	181
Derby						18			8				41	73
Angola						51		41	322		18		63	495
Farmham						22	22	86	1,176	45	95		266	1,732
Irving						15	17	131	2,840		10	22	1,812	2,859
DUNKIRK									2,695		10		39	6,498
Brocton						62	55	62	637	6	20	968	98	1,918
Westfield						28,401	740	40	2,670	30	972	5,960	5,960	99,408
Rapley						48	13	29	3,295		596	913	451	5,372
State Line						22	34	87	223		34	39	400	1,250
North East						506	121	152	204	102	24		92	482
Northhead						932	253	544	467	749	101	171	1,023	1,238
Harbor Creek								201	467	13			191	4,392
ERIE	163,035	539	956	14,560	21,990	23,998	784	1,979	16,912	5,104	3,692	26,509	84,605	389,663
Swanville						476		164	14			5	5	659
Fairview						276		1,133	309		33		73	2,218
Girard	23					119	372	807	139	7	77	710	210	2,934
Springfield						143	14	13	79	9		5	9	414
Conneaut						596	139	15	220		36	587	938	7,595
Kingsville						120	37	97	361	29	49	108	56	4,978
Ashtabula	1,158					1,446	136	144	190	439	276	662	1,216	9,171
Saybrook														90
Geneva						34	79	69	405	11	50	1,261	345	2,315
Unionville							27	53	218				335	633
Madison						10	29	14	1,786		45	29	164	2,137
Perry						11	46	62	2,222				762	3,160
Painesville	19	150		123	730	1,205	147	81	1,329	237	807	875	1,759	7,381
Wentworth						61	6	81	311	8	16		59	541
Wickliffe						294	16	89	87		130	524	1,181	2,297
Northampton						277		10				63	14	586
Collingwood									384				29	486
Greenville							246		100				245	5,434
CLEVELAND	253,482	19,457	209,029	57,019	204,220	120,287	135,806	209,392	79,262	127,419	83,401	43,428	255,904	1,798,206
Berea						353	82	29	254	12	5	1,041	35	39,410
Olmsted Falls						23			31			138	131	4,813

\*Sand.

DESCRIPTIVE STATEMENT OF FREIGHT FORWARDED FROM EACH STATION—CONTINUED.

STATIONS.	Coal and Coke.	Stone, Sand and Lime.	Petro- leum.	Pig, Bloom and Railroad Iron.	Other Iron and Castings.	Lumber and other Forest Products.	Animals.	Grain.	Agricult'l Products (except Grain.)	Flour.	Provis- ions.	Manu- factures.	Mer- chandise and other Articles.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Shawville	227,564	5,886	1,060	15,049	1,117	38	27	110	16	71	953	60	322	259,519
EYRIA		28,108		53	253	207	1,291	546	80	86		5,093	30,660	
Kipton					351	298	1,069	283	878	59		136	2,230	
Wakeman		246	169		334	546		1,069	878	58		160	3,498	
Collins					1,045	90	1,005	94		20		737	3,096	
Norwalk	124	26		179	262	565	2,866	709	1,030	102		99	8,461	
Monroeville	1,607			24	373	270	3,895	238	1,021	884		877	8,292	
Bellevue		2,275			284	67	3,895	238	2,157	45		9	2,723	
Clyde		88			641	1,042	3,364	1,080	4,404	48		413	19,598	
Fremont	49,481	5,606	1,656	794	3,636	406	12,689	1,158	286	87		2,363	62,248	
Limsey					695	626	1,904	886	57	813		489	27,806	
Elmore		151		25	1,645	346	1,904	886	36	36		79	4,226	
Genoa		8,458		13	839	261	1,381	777	4,613	53		63	11,382	
Millbury					1,016	46	617	434	1,247	10		21	12,817	
North Amherst		78,837		52	565	98	78	44	52	14		17	1,225	
Brownhelm		538		19	84	274	106	121	824	334		5	80,492	
Vermillion		15		63	382	17	279	161	164	634		360	2,173	
Ceylon		3,365			2,017	17	1,012	588	23	7,302		116	4,473	
Huron		*			44	220,425	1,107	15,872	9,992	14,661		54,106	448,587	
SANPUSKY	41,541	15,607	4,138	8,255	26,692	260	260	136	13	32		886	1,294	
Venice					308			338	14	14		2,183	34,298	
Marblehead Junction		31,401		29	349	117	153	1,280	528	528		5,530	7,387	
Gypsum				12	647	64	127	155	6	331		33	2618	
Port Clinton		24		29	37	145	118	39					292	
La Carne		25			1,940	145	118	39					2856	
Oak Harbor				33	8,252	93	241						85	
Rocky Ridge		5,649			5,515		18						1,300	
Graytown					8,252		93						1,472	
Martin					598		167						7,988	
TORONTO	459,377	6,906	31,093	13,581	67,050	13,351	126,629	13,664	13,641	14,681		17,959	98,824	
Sylvania		14,515		19	300	44	44	257	8				108	
Ottawa Lake				14	688	263	1,030	109	14	14		7	1,201	
Riga					493	668	2,631	330	26	26		5	1,734	
Blissfield					37	2,121	5,850	1,762	13	233		139	4,342	
Grosvenor					12	19	137	105	89	962		99	15,874	
Palmyra					96	48	48	140	8				253	
Lenawee Junction					437	773	4,056	913	1,977	1,457		460	200	
ADRIAN	126	318	2,645	343	191	257	4,056	913	1,977	1,457		460	16,746	
Clayton					355	1,030	3,774	1,059	802	39		30	2,953	
Hudson				19	246	349	1,769	1,059	62	910		1,361	9,283	
Pittsford						650	700	1,354	143	157		10	2,776	
Osseo		995		21		797	783	1,354	240	43		281	2,240	
Hillsdale		69		137	220	832	700	1,354	9,989	241		490	21,581	
Jonesville		13,935		99	78		783	1,354	978	148		225	17,933	

\*Sand.

DESCRIPTIVE STATEMENT OF FREIGHT FORWARDED FROM EACH STATION—CONTINUED.

STATIONS.	Coal and Coke.	Stone, Sand and Lime.	Petro-leum.	Pig. Bloom and Railroad Iron.	Other Iron and Castings.	Lumber and other Forest Products.	Animals.	Grain.	Agricultural Products (except Grain.)	Flour.	Provisions.	Manufactures.	Merchandise and other Articles.	TOTAL.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Allen	103					6	385	1,167	493	41	109		233	2,537
Quincy					35	566	1,303	1,281	948	165	100	375	522	5,295
Coldwater					136	802	1,250	1,420	859	8,424	565	2,050	3,630	13,119
Batavia						12	27	53	300				231	623
Bronson					102	336	1,017	1,448	284	715	245	98	437	4,682
Burr Oak					51	394	1,231	2,692	351		217		147	5,090
Sturgis	17			2,796	157	20,706	823	3,384	722		169	835	868	30,477
Klinger Lake						31	1,151	881	697	580	161	29	25	1,922
White Pigeon						582	502	52	654		30	11	263	3,755
Vistula						77	406	571	8	240	34	24	72	1,523
Bristol					15	1,545	682	8	471	3,157	35	569	85	12,711
ELKHART	* 2,765					526	85	2,490	48				6,199	12,711
Holland						560	336	1,192	223	53	529	17	108	3,378
Swanton					32	1,903	1,312	1,381	174	4,276	466	19	410	4,187
Delta					57	619	318	770	498		868	112	1,505	4,766
Wauseon	6				12	77	698	2,765	20	1,697	14		78	10,624
Pettisville					16	1,332	889	1,615	214		129	10	721	5,587
Archibald					20	953	889	1,615	97		281	474	5,889	8,378
Stryker	6				46	904	1,539	4,046	168	1,275	608	887	1,399	8,447
Bryan						725	550	12	90		32		15	1,424
Meiborn					18	632	620	1,896	504	49	77	306	200	4,302
Edgerton					94	1,736	1,539	4,046	203	13	317	39	329	8,349
Butler	33				81	1,435	361	1,993	373	274	408	439	550	5,864
Waterloo													372	1,662
Sedan						1,290	1,042	2,502	170		34		5,109	77
Corunna	22		37	96	24	1,260	1,453	3,730	393	181	349	1,757	1,196	18,256
Kendallville					176	8,866	1,453	3,730	17	28	13	18	1,559	1,559
Brimfield					301	301	227	935	18				59	1,381
Wawaka					12	1,004	2,775	788	502	3,301	379	163	1,478	14,320
Ligonier					66	1,410	61	4,240	27				1,877	14,320
Millersburg					443	1,248	1,722	13,204	215	5,625	1,225	3,771	5,753	56,383
GOSHEN	116	257			734	22,348	1,722	13,204	215				2	299
Oseola					82		83	65	42				1,208	6,788
Mishawaka					414		699	2,149	263	251	520	4,725	37,071	2,082
SOUTH BEND	140	38	427		442	2,171	24	655	6	3,740		22,147	4,335	27,071
Warren													6	6
Terre Coupee						933		1,284	24				46	2,287
New Carlisle						2,984	549	1,403	19	15	65	260	126	5,421
Rolling Prairie						6,917	101	3,378	21	21	6	12	58	9,415
La Porte	317	38	3,347	12,576	1,871	19,748	2,184	3,378	2,860	2,411	45	2,767	23,421	74,963
Durham						135	332	2,083	50				29	2,629
Otis	335	1,246			137	9,626	2,192	2,454	1,293	32	36	616	699	18,698
Burdick						3,484	65	358			6		355	4,203
Chesteron					28	164		723	84		46	130	14,028	15,288
Millers						26		38					118	147,522

\*Sand.



DESCRIPTIVE STATEMENT OF FREIGHT FORWARDED FROM EACH STATION—CONTINUED.

STATIONS.	Coal and Coke.	Stone, Sand and Lime.	Petro- leum.	Pig, Bloom and Railroad Iron.	Other Iron and Castings.	Lumber and other Forest Products.	Animals	Grain.	Agricult'l Products (except Grain.)	Flour.	Provis- ions.	Manu- factures.	Mer- chandise and other Articles.	TOTAL.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Newport	210	116				276	95	855	92		72	27	39	1,456
Warner						468		12	12				228	1,046
Monroe				557	874	203,436	327	3,516	4,772	11,650	1,850	6,605	25,845	259,412
Vienna						42		76	16				6	142
West Toledo							19		71		35	95	1,734	1,985
Wagon Works					151	459			24			4,120	3,906	8,379
MONROE BRANCH														
Strasburg						449	259	104			7		18	337
Ida	242					172		901	45		17		68	1,445
Petersburg					18	1,614		1,052	160	141	11	29	69	3,094
Deersfield	19					2,479	65	1,431	547	16	89	23	143	4,812
Corbus	235					2,457	373	93	223	8	15	101	386	3,891
JACKSON BRANCH														
Tecumseh					91	387	526	346	155	2,151	480	1,044	843	6,023
Clinton					85	95	738	1,818	73	18		146	518	3,560
Manchester					102	63	815	1,819	140	1,197	276	43	628	5,083
Norvell					10		57	114			14		28	223
Napoleon						12	197	718	88		22		78	1,115
YPSILANTI BRANCH.														
Ypsilanti		9			11	181	67	18	72	1,963	21	58	1,198	3,598
Pittsfield Junction					16	631	573	1,137	315			46	109	1,119
Saline						140	117	433	65	1,237	12	11	423	3,614
Bridgewater						10			29		55		27	671
Wadsworth							27	177						204
Ypsilanti					24	41	234	1,256	117		141		190	2,903
Woodstock					43		50	731	13				36	388
Somersel							181	731	15				26	952
Somersel Centre							73	340	27		9		50	514
Verona						54	207	757	31		35		213	1,347
North Adams						189	447	885	342		73	13	204	2,123
FT. WAYNE BRANCH.														
Jackson	138	121	386		553	8,717	271	578	846	585	109	4,820	7,795	24,919
Horton					24	18	156	1,830					65	2,093
Hanover		100			5	16	136	764	28		13	7	70	1,139
Stony Point	10,299				12	22								10,333
Mossville							231	330	41		49	8	6	1,105
Bankers	3,372					10	600	747	136	390			856	4,011
Reading					12	3,920	277	419	419	650	148	161	381	7,033
Montgomery						1,085	277	1,070	500		112	9	111	3,104
Rox	3,582					241	99	627	26		67		144	4,686
Fremont					41	1,839	1,175	1,154	327	599	119		504	5,880
Angola					72	2,122	1,380	3,427	524	13	104	878	449	9,029

DESCRIPTIVE STATEMENT OF FREIGHT FORWARDED FROM EACH STATION—CONCLUDED.

STATIONS.	Coal and Coke.	Stone, Sand and Limestone.	Petroleum.	Pig, Bloom and Railroad Iron.	Other Iron and Castings.	Lumber and other Forest Products.	Animals.	Grain.	Agricultural Products (except Grain).	Flour.	Provisions.	Manufactures.	Merchandise and other Articles.	TOTAL.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Pleasant Lake.....	.....	.....	.....	.....	60	1,680	613	2,065	568	.....	86	41	4,464	9,577
Sommit.....	.....	.....	.....	.....	5	791	310	2,612	36	.....	.....	.....	71	1,825
Albion.....	.....	.....	.....	.....	6	1,825	.....	1,257	49	20	18	406	71	4,018
Albion Junction.....	.....	.....	.....	.....	.....	2,680	.....	1,147	77	.....	51	843	652	6,284
St. Johns.....	1,717	.....	24	93	.....	614	.....	.....	.....	.....	.....	.....	.....	614
New Bra.....	.....	.....	.....	.....	.....	1,096	29	518	.....	.....	.....	.....	14	1,657
St. Johns.....	.....	15	.....	.....	.....	461	.....	22	.....	.....	.....	.....	.....	498
Huntertown.....	.....	.....	.....	.....	.....	1,385	.....	.....	.....	.....	.....	.....	.....	1,385
Fort Wayne.....	43	200	256	9,813	657	18,930	734	24,196	2,141	950	2,205	1,667	12,336	74,128
LANSING BRANCH.														
Litchfield.....	.....	.....	.....	.....	15	71	243	671	131	1,474	203	13	547	3,368
Homer.....	.....	.....	.....	.....	19	33	130	492	.....	40	28	122	146	1,010
Condit.....	.....	.....	.....	.....	.....	.....	16	16	.....	.....	.....	.....	23	39
Albion.....	.....	36	109	.....	58	.....	152	72	25	2,023	78	1,485	1,867	5,905
Devereux.....	.....	.....	.....	.....	.....	.....	33	682	36	.....	20	20	21	797
Springport.....	.....	.....	.....	.....	81	113	179	2,052	447	.....	113	162	129	3,276
Charlesworth.....	.....	.....	.....	.....	.....	1,355	.....	62	28	.....	8	.....	19	1,472
Easton Rapids.....	.....	21	.....	.....	40	353	53	638	569	106	111	50	563	2,504
Kingsland.....	.....	.....	.....	.....	.....	274	.....	.....	.....	.....	.....	.....	.....	234
Dimondale.....	.....	.....	.....	.....	.....	1,512	912	564	149	12	5	.....	42	2,508
Lansing.....	.....	.....	34	.....	207	34,435	132	369	2,803	7,053	287	3,056	3,907	52,288
KALAMAZOO DIVISION														
Constantine.....	.....	.....	.....	.....	.....	95	656	1,051	220	1,753	63	236	4,104	8,183
Florence.....	.....	.....	.....	.....	.....	.....	.....	102	.....	.....	.....	.....	.....	102
Three Rivers.....	.....	.....	10	.....	155	191	40	19	468	4,174	63	1,207	2,957	9,275
Moorepark.....	.....	.....	.....	.....	.....	.....	22	277	171	50	11	.....	215	749
Flowerfield.....	.....	.....	.....	.....	.....	15	126	977	696	.....	.....	.....	22	1,766
Schoolcraft.....	.....	232	.....	.....	39	1,097	236	3,280	642	.....	53	60	293	5,941
Portage.....	.....	.....	.....	.....	.....	.....	.....	77	.....	.....	.....	.....	13	90
KALAMAZOO.....	130	79	137	.....	479	464	106	4,501	99	3,339	141	3,991	2,855	16,320
Cooper.....	.....	.....	.....	.....	.....	125	.....	.....	.....	.....	.....	.....	.....	126
Argenta.....	.....	.....	.....	.....	.....	77	125	284	40	.....	.....	.....	18	419
Pianwell.....	.....	.....	.....	.....	.....	501	157	610	197	2,510	124	62	1,527	5,017
Oscego.....	.....	.....	.....	.....	23	236	16	.....	516	233	.....	917	541	3,057
Abronia.....	.....	.....	.....	.....	.....	443	.....	.....	.....	.....	.....	.....	.....	443
Allegan.....	.....	.....	.....	658	73	23,784	402	1,780	896	144	360	288	3,529	31,910
Hopkins.....	.....	.....	.....	.....	23	2,550	119	1,406	1,517	.....	188	13	97	5,893
Hilliard.....	.....	.....	.....	.....	.....	2,425	.....	245	247	.....	156	.....	46	3,119
Dorr.....	.....	.....	.....	.....	9	2,008	24	573	554	663	93	.....	443	4,967
Byron Centre.....	.....	.....	.....	.....	.....	6	.....	1,566	651	.....	27	8	75	4,525
Eagle Mills.....	.....	.....	.....	.....	.....	2,203	.....	.....	.....	.....	.....	.....	14,730	14,730
GRAND RAPIDS.....	.....	.....	251	.....	502	2,795	293	.....	593	3,925	.....	7,766	13,420	29,515
TOTALS.....	2,017,474	565,787	395,893	255,709	569,559	898,753	442,439	963,983	291,703	318,229	310,957	372,492	1,933,874	9,326,852

443,540 tons Iron Ore included with Merchandise and other articles.



## GENERAL SUMMARY OF PASSENGER BUSINESS,

FOR THE YEAR ENDING DECEMBER 31ST, 1887.

## MOVEMENT.

THROUGH PASSENGERS (Buffalo and Chicago)—	1887.	1886.	INCREASE.
First Class.....	78,260	67,816	
Second Class.....	17,521	15,385	
Emigrant.....	12,326	10,450	
TOTAL THROUGH.....	108,107	93,651	14,456—15.44 per cent.
WAY PASSENGERS—			
First Class.....	3,605,079	3,587,875	
Second Class.....	30,916	27,755	
Emigrant.....	8,738	6,227	
TOTAL WAY.....	3,644,733	3,621,857	22,876— 0.63 per cent.
TOTAL THROUGH AND WAY.....	3,752,840	3,715,508	37,332— 1.01 per cent.
Number of passengers moved westward.....	1,905,416	1,865,261	40,155— 2.15 per cent.
Number of passengers moved eastward.....	1,847,424	1,850,247	2,823— 0.15 per cent. Decrease.
TOTAL.....	3,752,840	3,715,508	37,332— 1.01 per cent.

## MILEAGE.

	1887.	1886.	
Number of miles traveled by through passengers.....	58,377,780	50,571,540	7,806,240—15.44 per cent.
Number of miles traveled by way passengers.....	147,383,679	141,021,595	6,362,084— 4.51 per cent.
Number of miles traveled by all passengers.....	205,761,459	191,593,135	14,168,324— 7.40 per cent.
			1887. 1886.
Average distance traveled by each through passenger.....			540 540
Average distance traveled by each way passenger.....			40½ 39
Average distance traveled by all passengers.....			55 51½

## RATES.

	1887.	1886.
Average fare from each through passenger.....	\$11.19	\$10.25
Average fare from each way passenger.....	.94½	.84
Average fare from all passengers.....	1.24	1.08
Average per mile—through passengers.....	cents 2.072	cents 1.897
Average per mile—way passengers.....	cents 2.335	cents 2.170
Average per mile—all passengers.....	cents 2.260	cents 2.098

## EARNINGS.

	1887.	1886.	INCREASE.
From through passengers.....	\$1,209,235.25	\$ 959,706 05	\$249,529.20—26.00 per cent.
From way passengers.....	3,441,418.34	3,060,843 81	380,574.53—12.43 per cent.
TOTAL.....	\$4,650,653.59	\$1,020,549.86	\$630,103.73—15.67 per cent.
Gain in earnings from increased business in 1887.....			\$400,574.88
Gain in earnings from increase in rate per mile 0.162 of a cent.....			229,528.85
			\$630,103.73—15.67 per cent.

# STATISTICS OF PASSENGER BUSINESS—EIGHTEEN YEARS—1870-1887.

## MOVEMENT OF PASSENGERS.

## EARNINGS.

YEAR.	THROUGH [BUFFALO AND CHICAGO].				WAY.				TOTAL THROUGH AND WAY.	WEST- WARD.	EAST- WARD.	THROUGH [BUFFALO & CHICAGO].	WAY.	TOTAL.
	CLASS.		Emigr'nt.	Total.	CLASS.		Emigr'nt.	Total.						
	First.	Second.			First.	Second.								
1870--	61,474	8,277	3,277	73,028	1,944,699	22,859	24,854	1,969,553	2,065,440	1,072,820	993,120	\$859,371.00	\$3,336,589.27	\$4,192,960.27
1871--	54,259	9,094	4,530	67,883	1,935,522	24,212	18,811	1,954,333	2,046,428	1,067,141	989,287	799,059.79	8,207,663.79	4,006,723.58
1872--	62,116	10,046	8,513	80,680	2,093,465	22,369	17,148	2,110,617	2,215,754	1,143,771	1,068,983	930,214.98	8,298,328.31	4,218,543.29
1873--	65,577	9,687	7,081	82,245	2,213,512	22,238	27,210	2,240,722	2,345,163	1,164,288	1,169,884	945,072.65	8,624,657.09	4,569,729.74
1874--	68,225	7,808	3,616	79,649	2,297,277	20,135	10,491	2,317,768	2,406,263	1,171,613	1,234,650	847,568.99	8,163,453.35	4,249,022.37
1875--	68,873	6,611	4,104	79,588	2,076,957	17,423	7,374	2,084,331	2,170,294	1,071,456	1,100,697	747,821.73	2,916,226.14	3,664,147.87
1876--	79,250	5,467	3,624	88,341	3,019,754	13,189	5,639	3,025,393	3,119,923	1,570,294	1,540,629	1,562,778	2,579,575.96	3,664,147.87
1877--	47,682	9,260	3,176	60,120	2,669,253	14,601	7,316	2,676,564	2,742,205	1,383,228	1,360,067	623,623.70	2,475,993.43	3,203,199.66
1878--	42,977	8,814	4,331	56,142	2,732,120	16,997	10,438	2,742,558	2,822,121	1,423,817	1,398,304	581,393.19	2,555,030.40	3,037,392.73
1879--	54,389	7,930	20,646	82,965	3,181,128	20,366	26,692	3,207,820	3,373,465	1,681,495	1,681,984	705,561.91	3,330,215.83	3,761,008.06
1880--	80,781	15,229	26,145	122,155	3,500,689	25,268	33,594	3,534,282	3,682,006	1,801,022	1,801,022	804,572.92	3,380,215.83	3,761,008.06
1881--	78,083	20,167	29,699	127,959	3,274,931	36,335	29,687	3,304,618	3,418,832	1,677,635	1,731,821	991,838.85	3,322,359.41	4,897,185.45
1882--	75,086	17,503	13,842	110,566	3,466,393	32,767	19,788	3,486,181	3,629,196	1,833,910	1,795,286	811,369.76	3,298,372.93	4,133,729.17
1883--	64,670	17,503	9,614	91,787	3,466,393	30,408	14,707	3,481,100	3,629,196	1,744,192	1,735,082	721,022.13	2,918,372.93	3,639,375.06
1884--	66,246	17,503	1,843	85,592	3,566,117	26,045	1,220	3,567,337	3,715,508	1,865,261	1,850,247	959,706.05	3,060,843.81	4,020,549.86
1885--	67,816	15,335	10,350	93,561	3,566,117	27,755	6,227	3,572,342	3,715,508	1,865,261	1,850,247	959,706.05	3,060,843.81	4,020,549.86
1886--	78,260	17,521	12,326	108,107	3,666,079	30,316	8,738	3,674,815	3,752,840	1,905,416	1,847,424	1,209,235.25	3,441,418.34	4,650,653.59

## MILEAGE.

## RATES.

YEAR.	THROUGH [BUFFALO & CHICAGO].	WAY.	TOTAL.	AV. DISTANCE TRAVELED BY EACH PASSENGER.				AVERAGE FARE FROM EACH PASSENGER.				AVERAGE PER MILE, ALL CLASSES.						
				Through.	Way.	All.	Through.	Way.	All.	Through.	Way.	All.						
													Miles.	Miles.	Miles.	Cts.	Cts.	Cts.
1870.	39,435,120	121,064,994	160,500,114	540	61	77	\$11.72	\$1.61	\$2.03	2.17	3.01	2.612						
1871.	36,656,820	106,547,587	143,204,407	540	54	70	11.77	1.62	1.96	2.18	2.76	2.808						
1872.	43,567,200	118,741,295	162,308,495	540	55	74	11.53	1.54	1.92	2.14	2.69	2.809						
1873.	44,439,300	134,923,873	179,363,173	540	49	63	11.48	1.31	1.60	2.13	2.74	2.942						
1874.	40,120,380	133,141,192	173,224,572	540	44	56	11.41	1.12½	1.37	2.11	2.69	2.452						
1875.	37,227,600	127,723,261	164,950,861	540	44	52	11.02	1.02	1.24	2.04	2.48	2.378						
1876.	47,704,140	127,806,361	175,510,501	540	42	56	8.46½	.96	1.17½	1.57	2.28	2.090						
1877.	32,464,800	105,651,818	138,116,618	540	39	50	10.37½	.96	1.17	1.92	2.44	2.319						
1878.	30,305,880	103,396,141	133,702,021	540	38	49	10.36	.92	1.12½	1.91	2.39	2.287						
1879.	32,640,300	108,522,017	141,162,317	540	39	50	9.65	.93	1.11	1.79	2.35	2.223						
1880.	46,061,460	131,087,397	176,148,767	540	40	53	8.27	.95	1.13½	1.53	2.35	2.135						
1881.	65,963,700	141,989,515	207,953,215	540	39½	56½	6.59	.93½	1.12	1.22	2.34½	1.988						
1882.	67,645,260	159,453,698	227,098,968	540	40	55	8.55	.96	1.19	1.58	2.40	2.157						
1883.	59,705,640	156,009,515	215,715,125	540	41	55	8.97	.98½	1.21	1.66	2.40	2.196						
1884.	49,564,980	140,938,872	190,503,852	540	40	52½	8.84	.98	1.14	1.64	2.36	2.170						
1885.	46,381,680	130,448,628	176,830,308	540	38½	51	8.39	.86	1.05	1.56	2.24	2.058						
1886.	50,571,540	141,021,595	191,593,135	540	39	51½	10.25	.89	1.30	1.90	2.17	2.098						
1887.	58,377,780	147,383,679	205,761,459	540	40½	55	11.19	.94½	1.24	2.07	2.34	2.260						

# NUMBER OF PASSENGERS LEAVING EACH STATION, AND REVENUE DERIVED THEREFROM.

STATIONS.	NUMBER OF PASSENGERS.			REVENUE.		
	1887.	1886.	1885.	1887.	1886.	1885.
<b>Main Line.</b>						
Buffalo.....	228,621	214,520	190,127	\$1,159,697	\$882,629	\$652,679
West Seneca.....	1,736	1,295	2,118	263	191	279
Bay View.....	285	260	264	78	82	87
West Hamburg.....	1,721	1,411	1,270	517	450	388
Lake View.....	2,156	1,335	1,322	643	473	496
Derby.....	3,888	3,626	3,219	1,027	895	870
Angola.....	8,079	8,032	9,107	3,632	3,433	3,467
Farnham.....	2,431	1,957	2,032	677	605	639
Irving.....	1,646	1,605	1,461	656	668	605
Silver Creek.....	11,028	10,538	10,456	5,701	5,398	5,083
Sheridan.....	729	820	593	130	169	131
Dunkirk.....	42,903	38,908	37,573	40,052	36,643	36,308
Van Buren.....	350	124	101	96	49	26
Brocton.....	12,886	12,150	8,643	14,610	12,263	8,609
Westfield.....	11,414	10,530	11,646	8,536	8,141	7,973
Ripley Crossing.....	625	567	706	155	157	152
Ripley.....	5,674	5,574	5,383	2,286	2,160	2,212
State Line.....	2,215	2,410	2,050	695	734	631
North East.....	19,332	18,819	21,425	10,634	9,695	9,679
Moorhead.....	2,436	2,626	2,383	590	860	650
Harbor Creek.....	3,966	4,576	4,784	910	1,068	1,116
Wesleyville.....	1,813	1,410	1,244	232	199	166
Erie.....	87,910	82,056	78,569	104,707	86,733	80,763
Swanville.....	2,440	2,510	2,845	604	594	740
Fairview.....	5,427	5,652	5,457	1,710	1,792	1,750
Girard.....	32,025	29,904	29,998	19,140	12,541	12,861
Springfield.....	1,051	1,046	1,130	664	653	609
Conneaut.....	11,352	12,111	11,015	10,859	9,459	9,177
Amboy.....	490	292	341	150	322	152
Kingsville.....	3,950	3,650	3,414	2,032	1,967	1,753
Ashtabula.....	51,680	45,679	41,961	44,695	35,766	33,119
Saybrook.....	1,171	1,210	1,206	463	366	447
Geneva.....	18,614	20,461	19,052	13,381	11,621	11,614
Unionville.....	3,363	3,075	2,850	1,428	1,164	1,023
Madison.....	9,829	9,429	8,528	4,264	4,153	4,080
Perry.....	6,474	6,103	5,390	2,047	1,956	1,604
Lane.....	767	773	958	182	160	211
Painesville.....	47,921	45,799	41,992	39,595	33,913	31,736
Heisley.....	243	274	335	86	109	135
Mentor.....	6,383	6,953	6,320	2,772	2,790	2,756
Reynolds.....	293	346	552	92	88	148
Willoughby.....	16,868	17,039	16,420	7,703	7,018	6,891
Wickliffe.....	3,135	2,788	2,407	843	833	737
Noble.....	2,069	1,676	1,434	415	358	326
Nottingham.....	11,085	8,977	8,270	2,195	1,928	1,828
Collinwood.....	11,827	10,404	9,974	2,665	2,397	2,434
Coit.....	8,253	5,712	5,340	908	566	599
Glenville.....	6,531	5,955	5,681	946	929	1,663
Cleveland.....	295,193	271,274	275,874	671,543	603,776	591,099
West Cleveland.....	689	688	529	158	132	97
Rockport.....	2,036	1,675	1,535	451	405	376
Town Line.....			5			1
Berea.....	13,996	12,791	12,756	7,777	7,460	7,629
Olmsted Falls.....	6,477	6,506	4,786	2,572	2,471	2,141
Shawville.....	3,620	3,834	3,880	1,284	1,283	1,383
Elyria.....	59,922	59,603	57,420	42,521	37,794	38,822
Oberlin.....	34,402	34,430	30,410	25,880	23,582	22,181
Kipton.....	5,298	5,984	5,358	2,376	2,500	2,303
Wakeman.....	7,164	7,909	7,666	3,797	4,343	4,084
Collins.....	4,432	4,459	4,533	1,749	1,753	1,868
Norwalk.....	32,793	33,739	32,855	25,954	23,912	24,534
Monroeville.....	19,397	21,402	19,129	14,288	14,436	13,871
Bellevue.....	13,360	15,224	14,244	7,952	9,031	9,291
Clyde.....	18,703	19,955	18,550	15,134	16,195	16,539
Fremont.....	34,530	32,895	28,192	35,370	30,667	24,198
Lindsey.....	6,396	5,939	5,660	1,753	1,620	2,173
Elmore.....	11,945	11,601	10,940	5,116	5,018	4,595
Genoa.....	9,214	9,149	9,373	3,271	3,171	3,193
Millbury.....	5,241	5,603	6,274	1,592	1,559	1,720
East Toledo.....	1,581	1,724	1,545	979	807	620
Amherst.....	11,297	10,337	10,134	4,080	4,176	4,224
Brownhelm.....	3,285	3,531	3,825	993	1,060	1,037
Vermillion.....	13,096	10,518	11,015	6,172	5,379	5,445
Ceylon.....	4,750	5,049	4,643	2,521	2,531	2,541
Huron.....	8,375	8,300	8,341	3,596	3,782	3,796
Sandusky.....	42,799	39,892	38,681	41,897	38,635	38,763
Venice.....	1,597	1,225	1,078	513	391	348

## NUMBER OF PASSENGERS LEAVING EACH STATION—CONTINUED.

STATIONS.	NUMBER OF PASSENGERS.			REVENUE.		
	1887.	1886.	1885.	1887.	1886.	1885.
Marblehead Junction.....	12,789	3,799	3,434	\$5,560	\$1,189	\$ 937
Gypsum.....	4,792	4,394	3,753	1,288	1,306	971
Port Clinton.....	18,759	16,110	15,899	8,377	7,922	7,524
La Carne.....	2,232	2,020	2,145	776	660	748
Oak Harbor.....	8,708	8,068	7,244	3,929	3,735	3,062
Rocky Ridge.....	3,848	3,647	3,443	1,256	1,305	1,225
Graytown.....	4,470	3,893	3,443	1,814	1,619	1,458
Martin.....	2,921	2,535	2,470	1,233	1,143	1,158
Toledo.....	166,925	181,570	162,424	270,856	268,037	236,998
Air Line Junction.....	3,331	2,599	2,492	2,054	1,262	1,139
Richards.....	430	663	642	157	150	208
Sylvania.....	7,067	7,203	6,802	2,561	2,609	2,405
Ottawa Lake.....	3,518	2,838	2,766	1,249	1,244	1,173
Riga.....	3,210	3,056	3,188	1,110	1,078	1,071
Blissfield.....	11,851	10,377	10,957	5,225	5,155	5,137
Grosvenor.....	12,102	8,509	8,732	3,995	4,173	3,689
Palmyra.....	2,328	2,098	1,351	816	702	420
Lenawee.....	8,731	7,936	8,285	4,221	3,723	3,738
Adrian.....	58,660	58,441	57,012	50,094	49,543	47,652
Clayton.....	6,142	6,398	6,556	2,894	3,093	3,147
Hudson.....	17,136	18,011	16,749	14,455	13,975	13,231
Pittsford.....	5,293	5,465	5,641	3,163	3,009	3,235
Osseo.....	2,902	2,429	2,409	1,293	1,336	1,375
Hillsdale.....	59,271	65,833	56,978	45,374	41,442	39,646
Jonesville.....	29,581	29,200	26,994	13,450	12,348	13,320
Allen.....	2,766	2,753	2,763	1,721	1,863	1,901
Quincy.....	10,363	10,769	10,384	8,285	8,098	7,757
Coldwater.....	29,028	29,795	28,506	30,636	28,638	27,691
Batavia.....	1,231	1,142	1,150	615	684	594
Bronson.....	9,864	9,617	10,120	6,709	6,220	6,571
Burr Oak.....	7,755	7,514	7,888	4,093	3,794	4,097
Sturgis.....	16,990	16,218	17,236	13,999	12,971	13,598
Klinger Lake.....	2,105	1,979	3,497	813	743	979
White Pigeon.....	20,176	20,236	19,294	12,989	13,371	13,472
Vistula.....	2,271	2,216	2,606	1,139	1,192	1,304
Bristol.....	5,680	5,937	6,311	1,955	2,002	2,097
Elkhart.....	78,822	69,233	64,588	68,962	60,133	56,951
Holland.....	3,232	2,839	3,043	1,039	935	931
Swanton.....	9,934	9,551	8,337	4,490	4,201	3,860
Delta.....	11,104	12,240	10,289	5,937	6,625	5,132
Wauseon.....	20,162	19,570	21,309	13,114	11,786	11,475
Pettisville.....	3,545	3,646	3,927	1,252	1,308	1,218
Archbald.....	7,550	6,594	7,379	4,092	3,388	3,941
Stryker.....	7,951	7,591	7,794	4,352	4,322	4,124
Bryan.....	20,684	17,735	18,178	15,774	14,423	13,759
Melbern.....	813	1,117	1,041	284	401	323
Edgerton.....	7,637	7,965	7,585	4,722	4,775	4,523
Butler.....	11,646	9,331	8,461	7,209	6,152	5,889
Waterloo.....	26,359	24,131	23,340	13,063	12,635	12,231
Sedan.....	19	.....	420	4	.....	114
Corunna.....	3,593	3,929	3,452	1,446	1,471	1,144
Kendallville.....	16,432	17,129	16,535	13,636	13,127	13,900
Brimfield.....	1,679	2,045	1,925	1,014	1,032	1,052
Wawaka.....	1,774	2,149	2,088	861	886	932
Ligonier.....	10,705	10,784	10,746	9,290	7,958	7,892
Millersburg.....	2,593	3,117	3,337	1,067	1,157	1,230
Goshen.....	31,393	31,991	28,155	21,119	21,219	18,662
Dunlap.....	746	1,102	913	135	193	170
Osceola.....	1,440	3,171	1,343	341	478	366
Mishawaka.....	8,181	6,969	12,357	4,475	4,472	5,025
South Bend.....	45,700	41,529	44,281	50,037	45,131	44,503
Warren.....	789	804	798	214	253	232
Terre Coupee.....	524	530	503	206	260	212
New Carlisle.....	7,948	8,043	7,257	4,225	4,143	3,781
Rolling Prairie.....	4,524	5,144	3,996	1,808	2,078	1,582
La Porte.....	31,320	30,140	27,818	29,499	27,566	27,595
Durham.....	381	388	181	101	233	70
Otis.....	7,796	6,907	5,409	4,564	4,215	3,628
Burdick.....	736	851	620	304	380	253
Chesterton.....	4,965	4,482	3,744	3,585	3,205	2,784
Millers.....	1,612	1,338	989	1,021	841	648
Pine.....	124	222	127	58	102	57
Whiting.....	3,933	2,918	1,744	936	727	460
Colehour.....	16,114	11,870	9,987	2,649	2,098	1,965
100th Street.....	9,919	8,759	9,153	1,445	1,411	1,411
South Chicago.....	26,029	26,586	23,730	6,853	6,712	5,468
Grand Crossing.....	18,268	16,760	10,809	5,622	4,082	3,413
Brookline.....	6,652	1,943	792	681	211	90

## NUMBER OF PASSENGERS LEAVING EACH STATION—CONTINUED.

STATIONS.	NUMBER OF PASSENGERS.			REVENUE.		
	1887.	1886.	1885.	1887.	1886.	1885.
Englewood .....	21,794	26,045	27,695	\$9,257	\$7,482	\$6,558
Chicago .....	194,210	199,633	197,524	882,454	717,120	657,941
Chicago (City Travel).....	390,731	450,610	381,363			
<b>Franklin Branch.</b>						
Oil City .....	13,813	14,500	12,400	7,182	7,129	6,270
Reno .....	1,177	1,194	869	169	154	109
Run .....	260	240	157	37	37	22
Franklin .....	15,954	19,147	15,618	8,310	8,753	7,321
Summit .....	275	197	178	63	52	44
Polk .....	2,460	2,215	2,019	656	625	600
Raymilton .....	3,929	3,434	3,408	1,222	1,139	1,154
Sandy Lake .....	7,456	7,591	8,142	2,308	2,608	2,622
Stoneboro .....	9,579	9,033	9,493	4,076	3,737	4,738
Clark .....	1,775	1,799	1,957	572	545	593
Hadley .....	2,758	2,678	2,655	1,026	990	941
Salem .....	368	443	404	130	142	152
Amasa .....	2,278	2,616	2,399	1,103	1,391	1,189
Jamestown .....	4,879	4,259	4,359	3,292	3,087	3,076
Turner .....	267	225	234	62	63	52
Simon .....	625	619	640	193	198	206
Andover .....	12,920	11,313	10,777	5,729	5,505	4,979
Leon .....	4,392	3,139	3,350	1,249	1,153	1,285
Dorset .....	3,782	3,082	2,755	1,185	1,088	1,027
Jefferson .....	19,269	18,431	18,413	8,222	7,859	7,638
Griggs .....	544	672	493	127	150	128
Plymouth .....	879	692	550	116	119	108
<b>Youngstown Branch.</b>						
Youngstown .....	16,717	16,982	13,070	24,683	22,210	19,439
Thornhill .....	30	12	8	12	2	
Doughton .....	372	281	318	90	57	76
Coalburg .....	3,375	3,114	3,041	872	808	925
Brookfield .....	531	410	493	170	133	171
Tyrrill Hill .....	1,502	1,380	1,253	659	574	519
Fowler .....	1,271	1,375	727	477	452	424
Katimer .....	1,415	1,564	1,448	516	511	511
Kinsman .....	4,517	4,076	3,939	2,485	2,495	2,124
Dewey .....	253	225	210	51	50	43
Stanhope .....	161	181	155	124	47	37
Williamsfield .....	4,951	5,008	3,608	1,657	1,878	1,566
<b>Detroit Branch.</b>						
Detroit .....	45,445	47,746	44,043	70,699	72,835	75,610
Woodward Avenue .....	2,623			2,930		
West Detroit .....	2,796	2,686	2,504	2,487	2,009	1,727
Woodmere .....	515	792	270	150	147	83
Ecorces .....	1,624	1,796	1,921	463	485	539
Wyandotte .....	8,608	9,245	8,407	3,089	2,994	3,032
Trenton .....	7,565	7,003	6,710	2,669	2,541	2,487
Chandler .....	6,057	5,479	4,478	2,462	2,718	2,284
Rockwood .....	4,485	4,466	4,637	2,038	2,054	2,037
Newport .....	4,418	3,923	4,413	1,425	1,406	1,412
Stony Creek .....	719	1,053	961	206	254	220
Monroe .....	24,417	27,075	24,910	15,614	15,637	15,623
La Salle .....	550	656	515	168	193	147
Vienna .....	1,699	1,623	1,806	571	642	701
Alexis .....	253	294	251	88	106	89
West Toledo .....	592	421	324	263	187	162
Wagon Works .....	9,726	19,506	9,485	3,074	2,053	2,784
<b>Monroe Branch.</b>						
Strasburg .....	990	931	743	250	213	169
Ida .....	2,849	2,831	2,869	1,127	1,179	1,177
Federman .....	1,798	1,757	1,760	604	646	677
Petersburg .....	5,234	5,809	5,415	2,266	2,793	2,577
Deerfield .....	5,514	5,429	5,075	2,313	2,333	2,173
Corbus .....	1,063	963	1,069	307	342	314
Sisson .....	971	1,099	789	213	211	179
Wellsville .....	468	515	450	120	137	134
<b>Jackson Branch.</b>						
Raisin Centre .....	1,170	783	693	361	244	200
Sutton .....	376	515	440	190	248	210
Tecumseh .....	15,843	17,312	15,857	9,784	9,412	9,136
Clinton .....	7,851	7,931	7,069	3,702	3,687	3,164
River Raisin .....	329	357	307	110	122	110
Manchester .....	10,725	12,472	11,509	5,769	5,959	6,252
Norvell .....	2,366	2,530	2,338	883	979	1,024
Napoleon .....	5,185	4,803	4,919	1,866	1,870	1,971

## NUMBER OF PASSENGERS LEAVING EACH STATION—CONCLUDED.

STATIONS.	NUMBER OF PASSENGERS.			REVENUE.		
	1887.	1886.	1885.	1887.	1886.	1885.
Eldred.....	165	207	296	\$ 52	\$ 69	\$ 87
Jackson.....	40,369	43,233	36,542	41,031	43,113	40,358
Ypsilanti Branch.						
Ypsilanti.....	4,936	4,524	4,493	3,988	3,509	3,623
Pittsfield.....	2,134	1,932	1,500	966	890	687
Saline.....	3,470	3,273	3,122	1,554	1,532	1,486
Bridgewater.....	930	1,009	910	316	330	334
Watkins.....	185	222	179	90	93	86
Brooklyn.....	1,984	2,056	2,143	1,322	1,369	1,496
Woodstock.....	281	456	465	124	207	228
Somerset.....	709	804	936	390	436	511
Somerset Centre.....	1,005	1,176	1,158	432	517	510
Jerome.....	2,380	2,842	2,686	800	970	950
North Adams.....	4,010	3,964	3,795	1,340	1,341	1,341
Fort Wayne Branch.						
Wilson.....	153	333	313	47	85	63
Horton.....	4,384	4,136	4,113	1,206	1,331	1,351
Hanover.....	6,433	6,740	6,671	2,468	2,599	2,873
Stony Point.....	681	597	603	216	241	236
Mosherville.....	2,061	1,909	2,014	679	710	658
Bankers.....	1,351	1,583	2,411	363	433	785
Reading.....	7,626	7,454	6,727	4,613	4,669	4,337
Montgomery.....	2,899	2,600	2,329	1,500	1,568	1,369
Ray.....	2,342	1,802	1,554	922	998	833
Fremont.....	6,286	5,333	5,279	2,873	3,199	3,415
Angola.....	14,634	12,223	10,968	9,427	9,604	8,973
Pleasant Lake.....	5,963	4,501	5,037	2,275	2,385	2,421
Summit.....	2,635	2,432	2,268	947	1,070	961
Auburn.....	12,918	10,771	9,074	5,355	5,032	4,631
Auburn Junction.....	5,793	5,180	4,277	3,616	3,588	3,121
St. Johns.....	417	398	313	105	108	106
New Era.....	1,419	910	631	449	368	256
Stoners.....	463	378	278	170	163	126
Huntertown.....	571	499	561	210	207	221
Carrolls.....	276	206	161	83	67	53
Academic.....	838	665	838	297	330	325
Fort Wayne.....	15,809	15,981	14,551	17,421	17,832	17,444
Lansing Branch.						
Litchfield.....	7,892	7,943	6,917	3,173	3,117	2,862
Homer.....	8,718	8,571	8,445	4,074	4,033	3,925
Condit.....	322	419	497	89	106	174
Albion.....	13,064	13,567	13,254	6,996	6,758	7,011
Devereux.....	1,378	1,669	1,749	447	506	494
Springport.....	5,370	5,883	5,837	2,538	2,799	2,551
Charlesworth.....	1,526	1,663	1,535	496	532	498
Eaton Rapids.....	9,541	10,405	9,688	6,248	6,520	6,842
Kingsland.....	388	425	479	110	119	136
Dimondale.....	3,126	3,203	3,090	1,298	1,386	1,250
Packard.....	109	135	111	48	32	43
South Lansing.....	111	23	6	97	16	1
Lansing.....	12,826	12,382	11,466	13,680	13,149	12,711
North Lansing.....	531	404	390	546	479	575
Kalamazoo Division.						
Constantine.....	10,148	9,025	10,470	4,673	4,092	4,176
Florence.....	255	275	350	67	67	96
Three Rivers.....	18,790	17,005	15,223	10,814	9,576	9,465
Moorepark.....	1,687	1,759	1,926	626	602	655
Flowerfield.....	1,209	1,224	1,636	471	447	629
Schoolcraft.....	9,456	9,240	10,058	4,420	4,833	4,976
Portage.....	1,695	2,117	2,209	471	487	452
Kalamazoo.....	32,242	32,768	33,389	25,436	24,902	26,276
Cooper.....	646	684	698	181	185	185
Argenta.....	1,092	1,201	1,447	295	352	355
Plainwell.....	8,135	8,076	8,433	3,755	3,833	3,931
Otsego.....	10,627	8,416	7,823	4,355	3,405	3,386
Abronia.....	704	807	876	290	296	310
Allegan.....	22,250	19,707	18,472	14,291	13,915	14,516
Hopkins.....	5,742	5,154	4,865	2,619	2,425	2,500
Hilliard.....	2,583	2,192	2,024	1,265	1,104	1,051
Dorr.....	4,690	4,014	3,763	2,482	2,275	2,185
Byron Centre.....	6,089	5,211	4,719	2,340	2,044	1,946
Grandville.....	412	358	397	125	146	144
Eagle Mills.....	377	314	435	57	63	50
Grand Rapids.....	24,415	21,495	22,091	26,089	25,891	25,768

# PASSENGER TRAIN EARNINGS AND MILEAGE.

L I N E S.	MILES OPERATED.	R E V E N U E.						PASSENGER TRAINS, TOTAL MILEAGE.		AVERAGE EARNINGS PER TRAIN MILE.	
		From Passengers.		From Mails, Express and Baggage.		Total.		1887.	1886.	1887.	1886.
		1887.	1886.	1887.	1886.	1887.	1886.				
L. S. & M. S. Ry. and Branches .....	864.87	\$4,244,389	\$3,627,308	\$1,168,543	\$1,148,804	\$5,412,932	\$4,776,712	2,822,335	2,872,177	\$1.91.79	\$1.66.31
Mahoning Coal R. R. ....	43.05	22,828	19,085	6,732	4,894	29,560	23,979	63,759	63,911	.46.36	.37.52
Jamestown & Franklin R. R. ....	50.91	25,645	25,602	5,302	4,746	30,947	30,348	32,164	32,447	.96.21	.93.53
Detroit, Monroe & Toledo R. R. ....	62.36	115,380	112,765	19,549	19,126	134,929	131,891	126,390	141,410	1.06.75	.93.27
Kalamazoo, Allegan & G. R. and Kal. & W. P. R. R.'s .....	94.99	100,813	94,534	19,776	18,770	120,589	113,304	120,578	120,509	1.00.00	.93.96
Northern Central Michigan R. R. ....	61.14	43,388	42,857	4,718	5,114	48,105	47,970	41,573	42,742	1.15.71	1.12.23
Fort Wayne & Jackson R. R. ....	97.83	81,215	81,188	11,237	11,790	92,452	92,979	126,448	127,420	.73.11	.72.20
Detroit, Hillsdale & So. Western R. R. ....	65.20	16,996	16,611	4,673	4,942	21,670	21,553	38,071	38,450	57.00	.56.05
TOTALS .....	1,340.35	\$4,650,654	\$4,020,550	\$1,240,530	\$1,218,186	\$5,891,184	\$5,238,736	3,371,318	3,439,066	-----	-----
Average.....										\$1.74.74	\$1.52.33

# EARNINGS OF L. S & M. S. SYSTEM BY ROADS.

ROAD.	Miles.	EARNINGS.		PER MILE.	
		1887.	1886.	1887.	1886.
Lake Shore & Michigan Southern Railway and branches-----	864.87	\$17,105,211.68	\$14,443,973.04	\$19,777.78	\$16,700.74
Mahoning Coal Railroad-----	43.05	333,275.74	226,950.67	7,741.59	5,271.79
Jamestown & Franklin Railroad-----	50.91	126,618.55	140,726.35	2,487.10	2,764.21
Detroit, Monroe & Toledo Railroad-----	62.36	527,537.71	443,782.08	8,459.55	6,827.41
Kalamazoo, Allegan & Grand Rapids Railroad-----	53.42	152,887.75	141,144.56	2,617.04	2,416.03
Kalamazoo & White Pigeon Railroad-----	36.57	103,586.24	96,145.19	2,832.55	2,629.08
Northern Central Michigan Railroad-----	61.14	108,320.76	108,407.61	1,771.68	1,773.10
Ft. Wayne & Jackson Railroad-----	97.83	214,881.99	215,274.72	2,196.49	2,200.50
Detroit, Hillsdale & Southwestern Railroad-----	65.20	38,642.73	43,051.25	592.68	660.30
Total-----	1,340.35	\$18,710,963.15	\$15,859,455.47	\$13,959.75	\$11,832.32



# Chronological List of Directors, 1869-1888.

First election June 2, 1869 (consolidation). Annual elections thereafter first Wednesday in May.

	NAME.	FROM	TO	DATE OF DEATH.
1	HORACE F. CLARK .....	June 2, 1869	June 19, 1873	June 19, 1873
2	JAMES H. BANKER .....	June 2, 1869	May 6, 1874	Feb. 10, 1885
3	LE GRAND LOCKWOOD .....	June 2, 1869	Oct. 5, 1869	Feb. 24, 1872
4	WILLIAM WILLIAMS .....	June 2, 1869	May 5, 1875	Sept. 10, 1876
5	ELIJAH B. PHILLIPS .....	June 2, 1869	May 4, 1870	-----
6	JOHN H. DEVEREUX .....	June 2, 1869	May 4, 1870	Mar. 17, 1886
7	HENRY B. PAYNE .....	June 2, 1869	Nov. 29, 1882	-----
8	GEORGE B. ELY .....	June 2, 1869	Aug. 18, 1869	May 18, 1877
9	JEPHTHA H. WADE .....	June 2, 1869	Jan. 13, 1870	-----
	“ “ 2d time .....	May 2, 1883	-----	-----
10	WILLIAM L. SCOTT .....	June 2, 1869	-----	-----
11	MILTON COURTRIGHT .....	June 2, 1869	May 1, 1872	April 25, 1883
12	JEROME W. WETMORE .....	June 2, 1869	Oct. 14, 1869	-----
13	ALBERT KEEP .....	June 2, 1869	May 2, 1883	-----
14	AMASA STONE .....	Aug. 18, 1869	Nov. 29, 1882	May 11, 1883
15	ALANSON ROBINSON .....	Oct. 5, 1869	May 4, 1870	May 27, 1870
16	AUGUSTUS SCHELL .....	Oct. 14, 1869	Mar. 27, 1884	Mar. 27, 1884
17	STILLMAN WITT .....	Jan. 13, 1870	Apr. 29, 1875	April 29, 1875
18	JOHN A. TRACY .....	May 4, 1870	Feb. 27, 1875	Feb. 27, 1875
19	AZARIAH BOODY .....	May 4, 1870	May 6, 1874	Nov. 18, 1885
20	WILLIAM D. BISHOP .....	May 3, 1871	July 1, 1873	-----
21	CHARLES M. REED .....	May 1, 1872	-----	-----
22	COMMODORE C. VANDERBILT ..	July 1, 1873	Jan. 4, 1877	Jan. 4, 1877
23	WILLIAM H. VANDERBILT .....	July 1, 1873	Dec. 8, 1885	Dec. 8, 1885
24	SAMUEL F. BARGER .....	May 6, 1874	-----	-----
25	EUGENE N. ROBINSON .....	May 6, 1874	May 5, 1875	-----
26	ROBERT L. CRAWFORD .....	May 5, 1875	May 2, 1877	-----
27	JUDAH C. SPENCER .....	May 5, 1875	May 3, 1876	Sept. 1, 1885
28	J. CONDIT SMITH .....	May 5, 1875	May 3, 1876	Nov. 9, 1883
29	JOHN E. BURRILL .....	May 5, 1875	-----	-----
30	FRANCIS P. FREEMAN .....	May 3, 1876	June 19, 1879	-----
31	ANDREW D. WHITE .....	May 3, 1876	May 1, 1878	-----
32	CORNELIUS VANDERBILT .....	May 2, 1877	-----	-----
33	WILLIAM K. VANDERBILT .....	May 2, 1877	-----	-----
34	RASSELAS BROWN .....	May 1, 1878	-----	-----
35	DARIUS O. MILLS .....	June 19, 1879	-----	-----
36	JOHN NEWELL .....	April 13, 1883	-----	-----
37	EDWIN D. WORCESTER .....	April 13, 1883	-----	-----
38	FREDERICK W. VANDERBILT ..	May 7, 1884	-----	-----
39	JOHN DE KOVEN .....	May 5, 1886	-----	-----

